

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

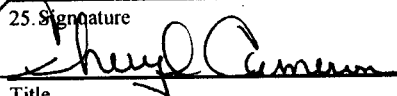
FORM APPROVED  
OMB NO. 1004-0136  
Expires: November 30, 2000

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. 14-20-H62-4823
1b. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator Coastal Oil & Gas Corporation		7. Unit or CA Agreement Name and No.
3a. Address P.O. Box 1148, Vernal, UT 84078	3b. Phone No. (include area code) (435) 781-7023	8. Lease Name and Well No. Ute Tribal #4-25
4. Location of Well (Report location clearly and in accordance with any State requirements)* At surface 509' FNL & 594' FWL At proposed prod. zone 4440655 N 599059 E		9. API Well No.
10. Field and Pool, or Exploratory Leland Bench		11. Sec., T., R., M., or Blk. and Survey or Area NW/NW Sec. 25, T4S, R1E
14. Distance in miles and direction from nearest town or post office* 14.1 Miles Southeast of Ft. Duchesne, UT		12. County or Parish Uintah
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drg. unit line, if any) 509'		13. State UT
16. No. of Acres in lease 600		17. Spacing Unit dedicated to this well 40
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Refer to Topo C		20. BLM/BIA Bond No. on file U-605382-9
19. Proposed Depth 6700'		21. Estimated duration To Be Determined
22. Approximate date work will start* Upon Approval		23. Estimated duration To Be Determined
24. Attachments		

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature 	Name (Printed/Typed) Cheryl Cameron	Date 4/4/00
---	--	----------------

Approved by (Signature)  	Name (Printed/Typed)  	Date  
Title Environmental Analyst	Office  	


Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on Reverse)

43-047-33541

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 5/9/00  
By: 

RECEIVED

APR 10 2000

DIVISION OF  
OIL, GAS AND MINING

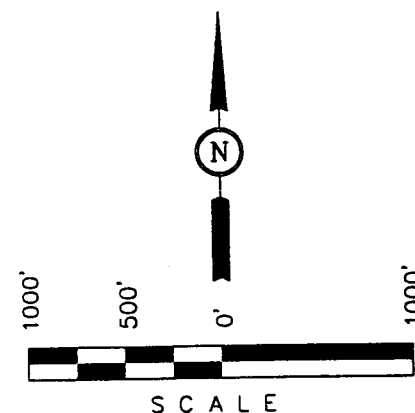
T4S, R1E, U.S.B.&M.

# COASTAL OIL & GAS CORP.

Well location, UTE TRIBAL #4-25, located as shown in the NW 1/4 NW 1/4 of Section 25, T4S, R1E, U.S.B.&M., Uintah County, Utah.

## BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 26, T4S, R1E, U.S.B.&M. TAKEN FROM THE UTELAND BUTTE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5188 FEET.



## CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 02-14-00	DATE DRAWN: 03-04-00
PARTY B.B. D.B. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE COASTAL OIL & GAS CORP.	

Set Stone, 5/8"  
Rebar, U.E.L.S.  
Alum. Cap

S89°54'28"W 2652.93' (Meas.) S89°47'33"W 2660.59' (Meas.)

Alum. Cap on  
5/8" Rebar

Set Stone

594' UTE TRIBAL #4-25  
Elev. Ungraded Ground = 5069'

N00°04'42"W 5295.89' (Meas.)

RECEIVED

APR 10 2000

DIVISION OF  
OIL, GAS AND MINING

25

Pile of Stones,  
Uintah County  
RLS #138394

N00°03'12"W 2636.84' (Meas.)

SOUTH - (G.L.O.)  
R1E  
R2E

Section Corner  
Re-Established by  
Double Proportion  
Method (Not Set)

Set Sandstone,  
Pile of Stones,  
Alum. Cap #  
138394 on 3/4"  
Rebar

N89°36'26"W  
2636.56' (Meas.)

S 1/4 Cor Sec 26  
Set Marked Stone,  
Pile of Stones

S89°42'48"W 2652.61' (Meas.)

S89°45'W - 40.395 (G.L.O.)

## LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

△ = SECTION CORNERS RE-ESTABLISHED. LATITUDE = 40°06'44"

NOTE:  
BASIS OF BEARINGS IS THE WEST  
LINE OF THE SW 1/4 OF SECTION  
26, T4S, R1E, U.S.B.&M. WHICH IS  
ASSUMED FROM G.L.O. INFORMATION  
TO BEAR N00°02'W.

LONGITUDE = 109°50'16"

W 1/4 Cor Sec 36  
Set Marked Stone,  
Pile of Stones



April 7, 2000

**RECEIVED**

APR 10 2000

DIVISION OF  
OIL, GAS AND MINING

Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, Utah 84078

**ATTENTION: Ed Forsman / Wayne Bankert / Greg Darlington**

Gentleman,

Enclosed are the original and two copies of the Application for Permit to Drill for the Ute Tribal #3-25 Ute Tribal #4-25 and the Ute Tribal #7-25

If you have questions or need additional information, please do not hesitate to call me, (435) 781-7022.

Sincerely,

Katy Dow  
Environmental Jr. Analyst

**Coastal Oil & Gas Corporation**

A SUBSIDIARY OF THE COASTAL CORPORATION  
1368 S 1200 E • P.O. BOX 1148 • VERNAL UT 84078 • 435/789-4433 • FAX 435/789-4436

Mr. Ferron Secakuka  
Ute Tribe  
Energy & Minerals Resource Department  
PO Box 70  
Ft. Duchesne, UT 84026

Mr Charles H Cameron  
Bureau of Indian Affairs  
Uintah & Ouray Agency  
Office of Mineral & Mining  
PO Box 130  
Ft. Duchesne, UT 84026

~~Ms. Lisha Cordova~~  
State of Utah  
Division of Oil Gas & Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, UT 84114

UTE TRIBAL #3-25  
NW/NW SECTION 25,T4S,R1E  
UINTAH COUNTY, UTAH  
14-20-H62-4823

ONSHORE ORDER NO. 1  
COASTAL OIL & GAS CORPORATION

***DRILLING PROGRAM***

**RECEIVED**

APR 10 2000

DIVISION OF  
OIL, GAS AND MINING

1. **Estimated Tops of Important Geologic Markers:**

<u>Formation</u>	<u>Depth</u>
Green River	2044'
Garden Gulch	4685'
Douglas Creek	5435'
Castle Peak	6181'
Total Depth	6500'

2. **Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:**

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	2044'
	Garden Gulch	4685'
Oil/Gas	Douglas Creek	5435'
Oil/Gas	Castle Peak	6181'
Oil/Gas	Total Depth	6500'
Water	N/A	
Other Minerals	N/A	

3. **Pressure Control Equipment:** (Schematic Attached)

The BOP stack will consist of one 11" 3000 psi annular BOP 11" 3000 psi double ram, and one 11' drilling spool. The lower ram will contain pipe rams, and the upper ram will contain blind rams.

The choke and kill lines and the choke manifold will have a 3000 psi minimum pressure.

The BOPE and related equipment will meet the requirements of the 3M system.

4. **Proposed Casing & Cementing Program:**

Please refer to the attached Casing and Cement Program.

5. **Drilling Fluids Program:**

Please refer to the attached Mud Program.

6. **Evaluation Program**

Depth	Log Type
SC-TD	DIL/FDC/CNL

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure approximately equals 2,600 psi (calculated at 0.4 psi/foot @ 6500' TD).

Maximum anticipated surface pressure equals approximately 1,170 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

UTE TRIBAL #3-25  
NW/NW SECTION 25, T4S, R1E  
UINTAH COUNTY, UTAH  
14-20-H62-4823

ONSHORE ORDER NO. 1

RECEIVED

APR 10 2000

DIVISION OF  
OIL, GAS AND MINING

***MULTI-POINT SURFACE USE & OPERATIONS PLAN***

1. **Existing Roads:**

Refer to Topo Map A for directions to the location.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

To reach the Ute Tribal #4-25 location - Proceed in a Southerly direction from Ft. Duchesne, Utah approximately 4.0 miles to the junction of this road and an existing road to the south; proceed in a southerly direction approximately 6.1 miles to the junction of this road and an existing road to the south; proceed in a southerly direction approximately 2.0 miles to the junction of this road and an existing road to the east; turn left and proceed in an easterly then southeasterly direction approximately 2.0 miles to the beginning of the proposed access for the #3-25 to the Southeast; follow road flags in a southeasterly direction approximately 0.2 miles to the beginning of the proposed access to the south; follow road flags in a southerly direction approximately 0.2 miles to the proposed location.

Refer to Topo Maps A and B for location of access roads within a 2 mile radius.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

2. **Planned Access Roads:**0

Approximately 0.15 miles of access road is proposed. Refer to Topo Map B for the location of the proposed access road.

The upgraded and new portions of the access road will be crowned and ditched with a running surface of 18 feet and a maximum disturbed width of 30 feet. Appropriate water control will be installed to control erosion.

The access road was centerline flagged during time of staking.

Surfacing material may be necessary, depending upon weather conditions.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

3. **Location of Existing Wells Within a 1-Mile Radius:**

Please refer to Topo Map C.

4. **Location of Existing & Proposed Facilities:**

*The following guidelines will apply if the well is productive.*

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The required color is Desert Brown, Munsell standard color number 10 YR 6/3.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

The proposed pipeline will leave the well pad in a northeasterly direction for an approximate distance of 830'. Please refer to Topo Map D.

**5. Location and Type of Water Supply:**

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec. 32, T4S, R3E, Water User Claim #43-8496, Application #53617.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

**6. Source of Construction Materials:**

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

**7. Methods of Handling Waste Materials:**

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge



of liquids.

The plastic reinforced liner will be a minimum of 12 mil thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

**8. Ancillary Facilities:**

None are anticipated.

**9. Well Site Layout: (See Location Layout Diagram)**

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

The reserve pit will be lined, and when the reserve pit is closed, the pit liner will be buried below plow depth.

All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

**10. Plans for Reclamation of the Surface:**

*Producing Location:*

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

The plastic, nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water (s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

*Dry Hole/Abandoned Location:*

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

**11. Surface Ownership:**

The wellpad and access road are located on lands owned by the Ute Indian Tribe.

**12. Other Information:**

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The Operator will control noxious weeds along Rights-Of-Way for roads, pipelines, well sites, or other applicable facilities.

A Class III archaeological survey was conducted by Montgomery Archaeological Consultants.

**13. Lessee's or Operators's Representative & Certification:**

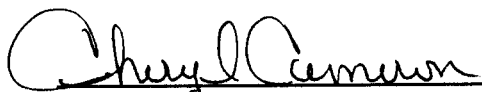
Cheryl Cameron  
Environmental Analyst  
Coastal Oil & Gas Corporation  
P.O. Box 1148  
Vernal, UT 84078  
(435) 781-7023

Tom Young  
Drilling Manager  
Coastal Oil & Gas Corporation  
9 Greenway Plaza, Suite 2770  
Houston, TX 77046  
(713) 418-4156

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

  
Cheryl Cameron

4/3/00

Date

# COASTAL OIL & GAS CORP.

UTE TRIBAL #4-25  
LOCATED IN UINTAH COUNTY, UTAH  
SECTION 25, T4S, R1E, U.S.B.&M.

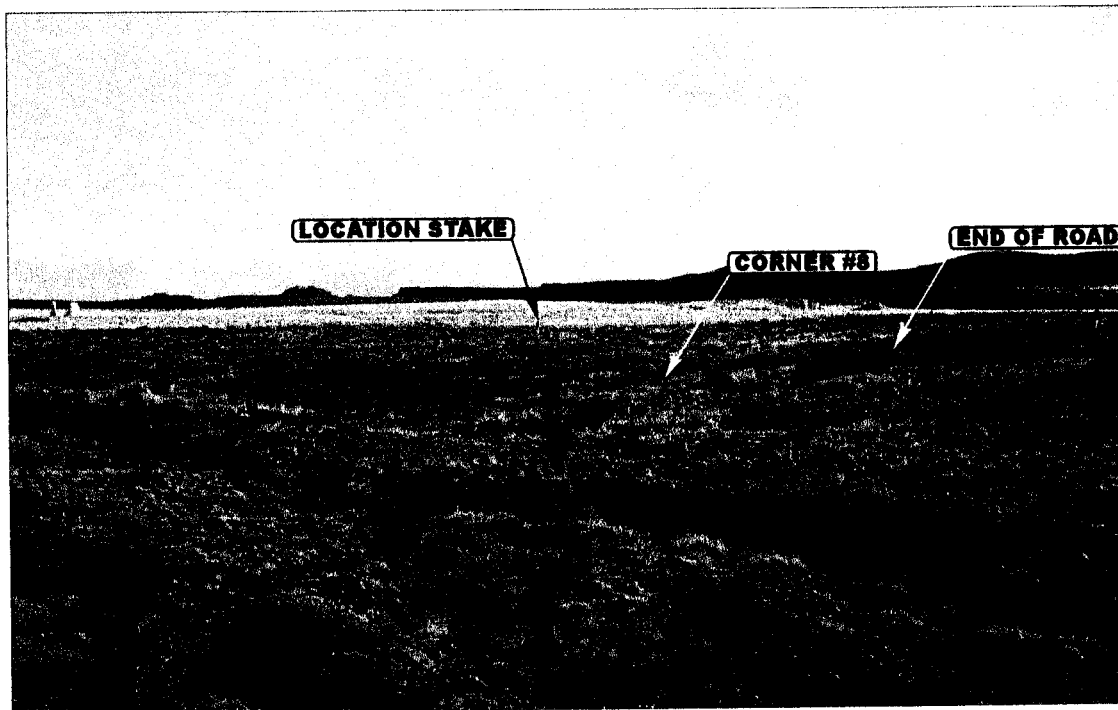


PHOTO: VIEW FROM CORNER #8 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY

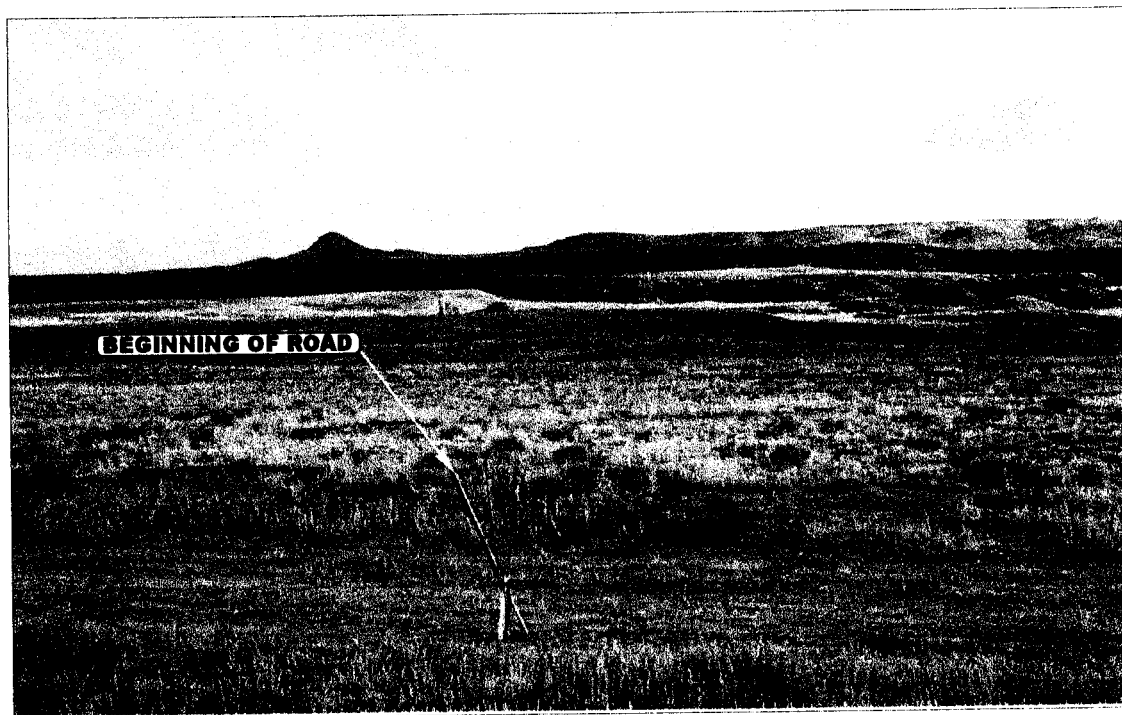


PHOTO: VIEW OF BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHERLY



- Since 1964 -

**UELS**

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

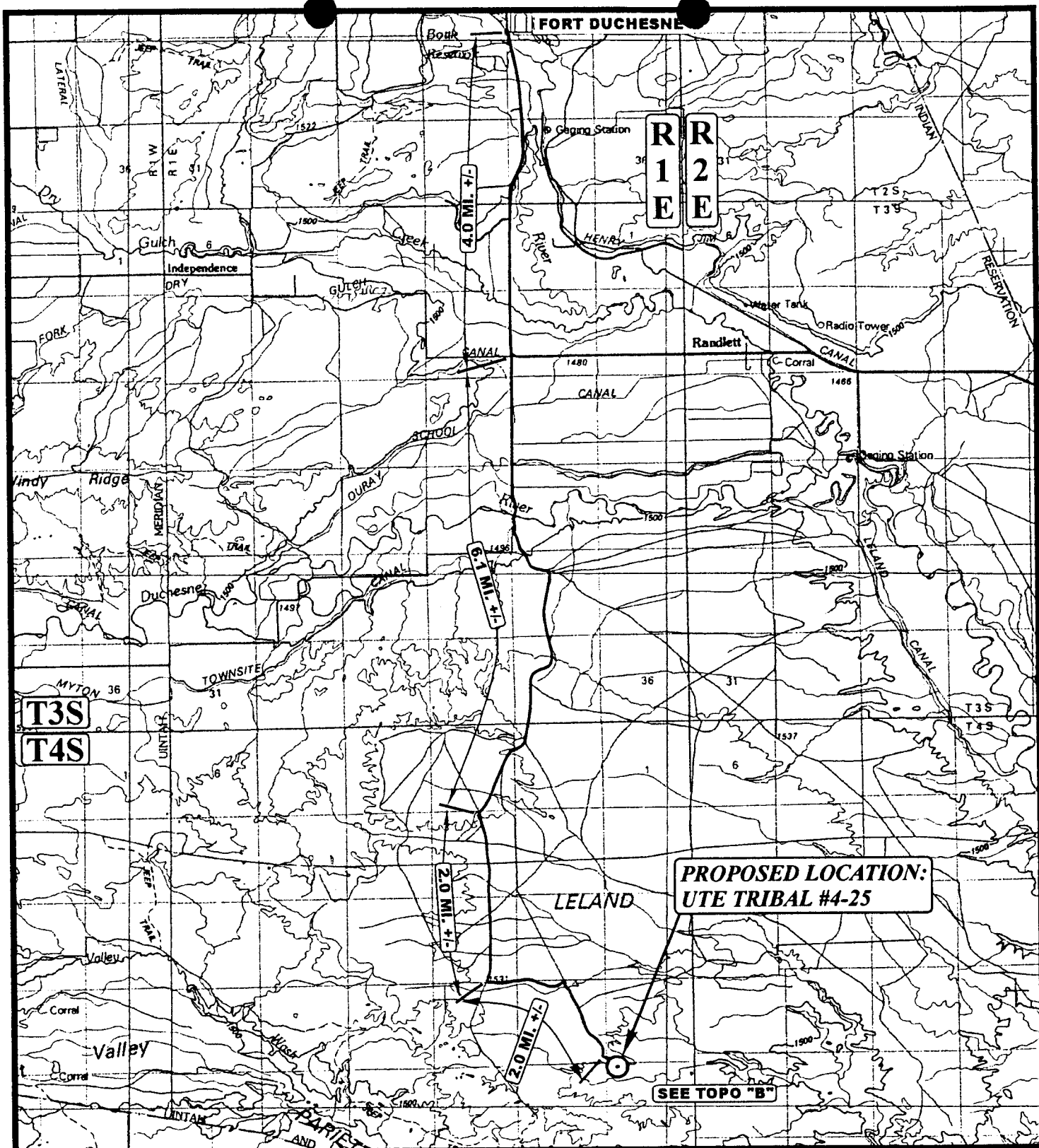
3 15 00  
MONTH DAY YEAR

PHOTO

TAKEN BY: J.F.

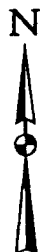
DRAWN BY: C.G.

REVISED: 00-00-00



# **LEGEND:**

○ PROPOSED LOCATION



**COASTAL OIL & GAS CORP.**

**UTE TRIBAL #4-25**  
**SECTION 25, T4S, R1E, U.S.B.&M.**  
**509' FNL 594' FWL**



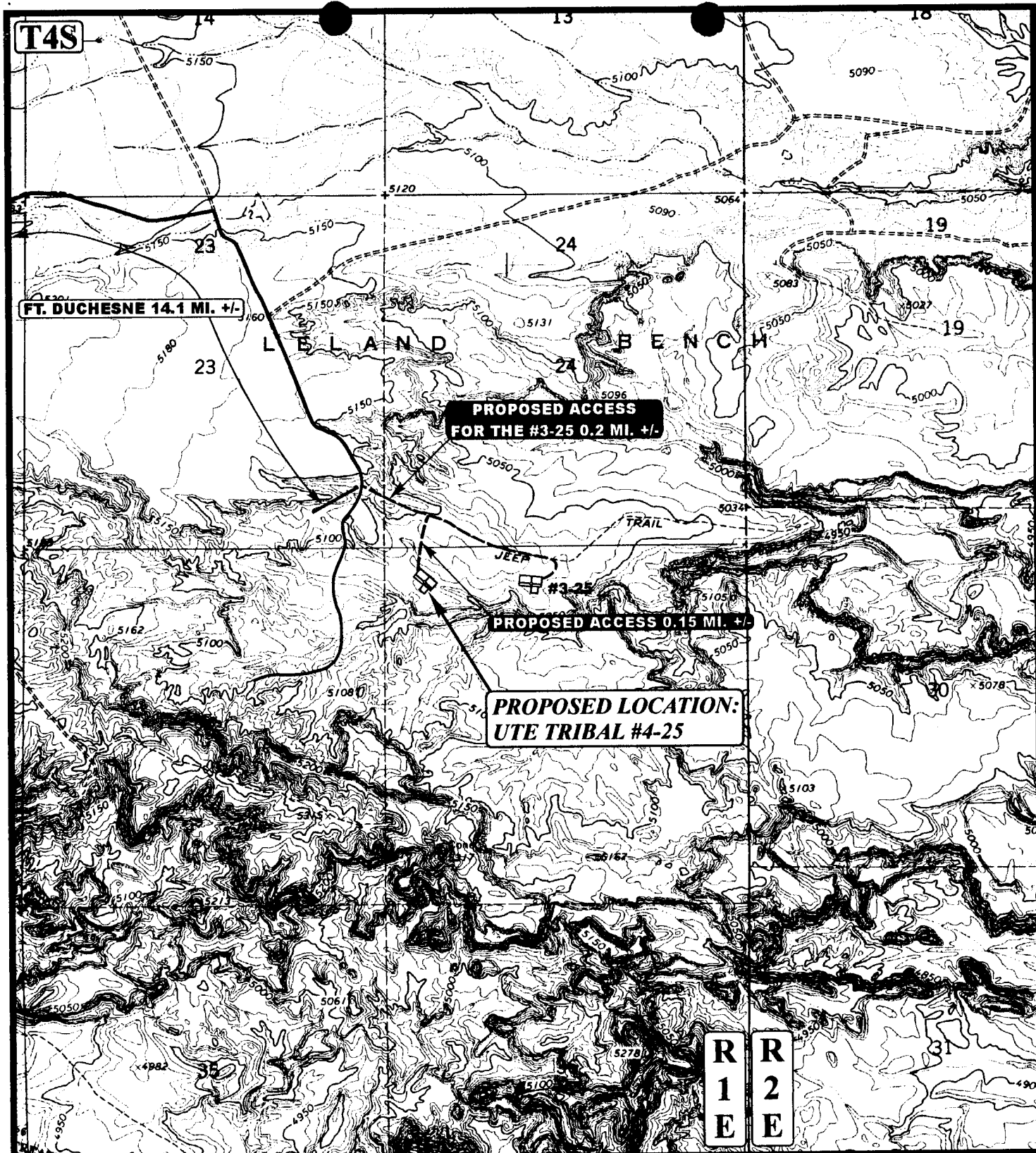
**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1018

**TOPOGRAPHIC**  
**MAP**

**3 3 00**  
 MONTH DAY YEAR

**SCALE: 1:100,000** **DRAWN BY: C.G.** **REVISED: 00-00-00**

**A**  
**TOPO**



# LEGEND:

----- PROPOSED ACCESS ROAD  
 \_\_\_\_\_ EXISTING ROAD

COASTAL OIL & GAS CORP.

UTE TRIBAL #4-25  
 SECTION 25, T4S, R1E, U.S.B.&M.  
 509' FNL 594' FWL

**U**  
**E**  
**L**  
**S**

Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

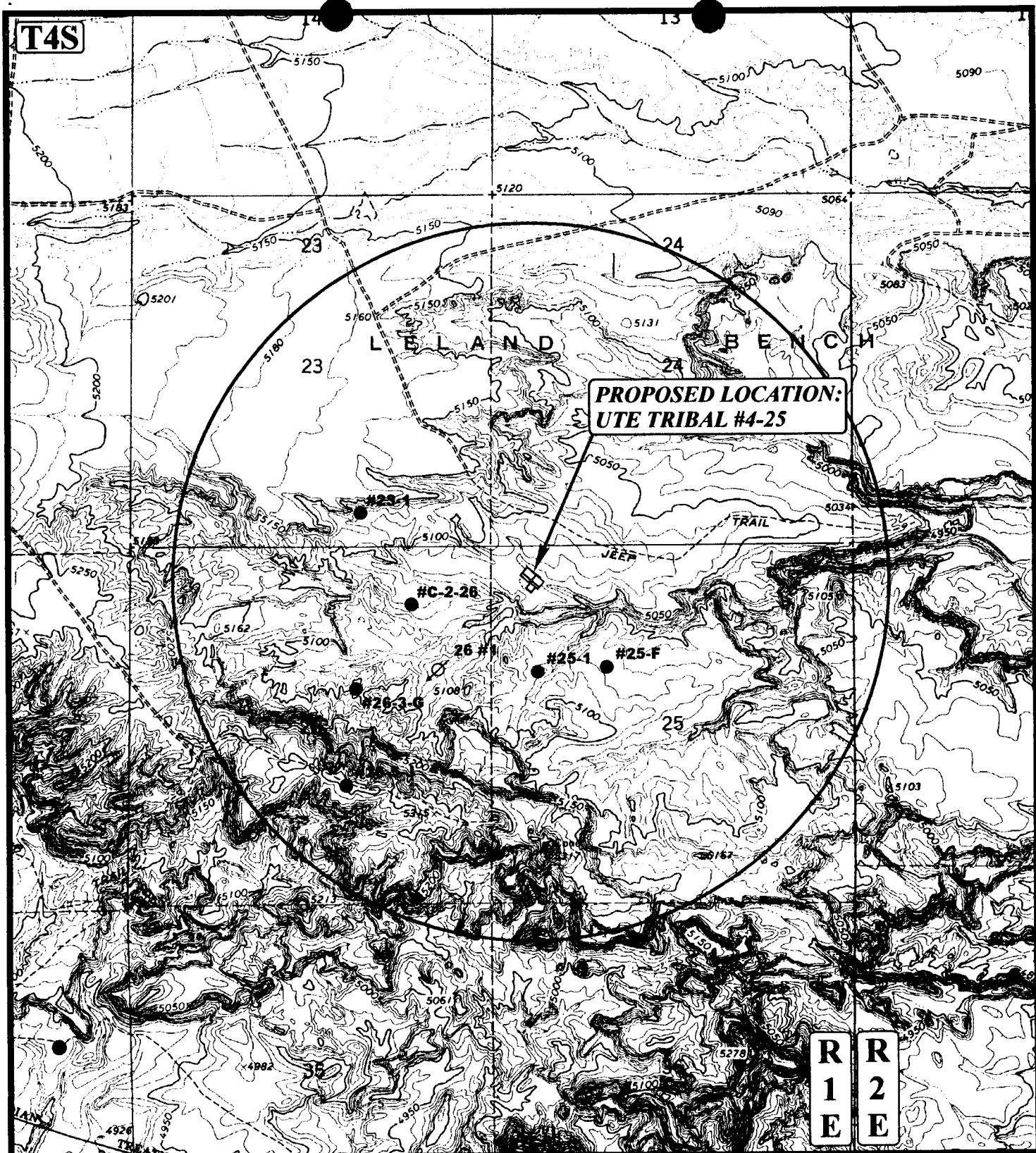


TOPOGRAPHIC  
 MAP

3 3 00  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.G. REVISED: 00-00-00

**B**  
 TOPO



# **LEGEND:**

- ⊗ DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ⊗ WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

## **COASTAL OIL & GAS CORP.**

**UTE TRIBAL #4-25**  
**SECTION 25, T4S, R1E, U.S.B.&M.**  
**509' FNL 594' FWL**



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



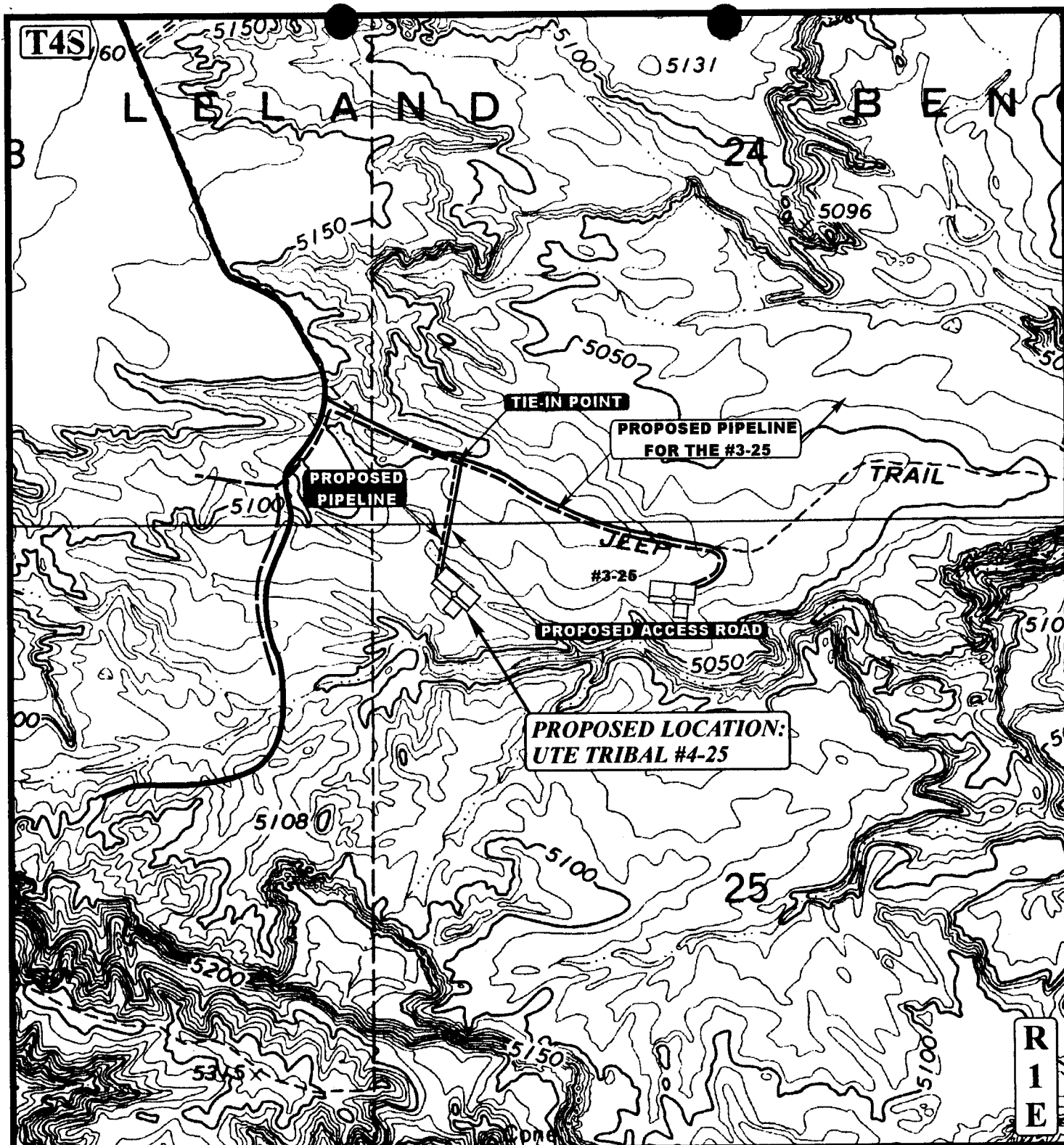
**TOPOGRAPHIC**  
**MAP**

**3 3 00**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.G. REVISED: 00-00-00

**C**  
**TOPO**





**APPROXIMATE TOTAL PIPELINE DISTANCE = 830' +/-**

**LEGEND:**

- EXISTING PIPELINE
- PROPOSED PIPELINE
- ===== PROPOSED ACCESS

**N**

**COASTAL OIL & GAS CORP.**

**UTE TRIBAL #4-25**  
**SECTION 25, T4S, R1E, U.S.B.&M.**  
**509' FNL 594' FWL**



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC**  
**MAP**

**3 3 00**  
 MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: C.G. REVISED: 00-00-00

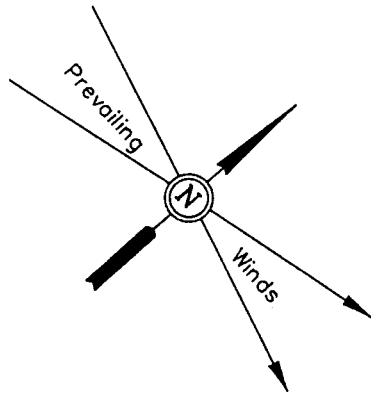
**D**  
**TOPO**



# COASTAL OIL & GAS CORP.

## LOCATION LAYOUT FOR

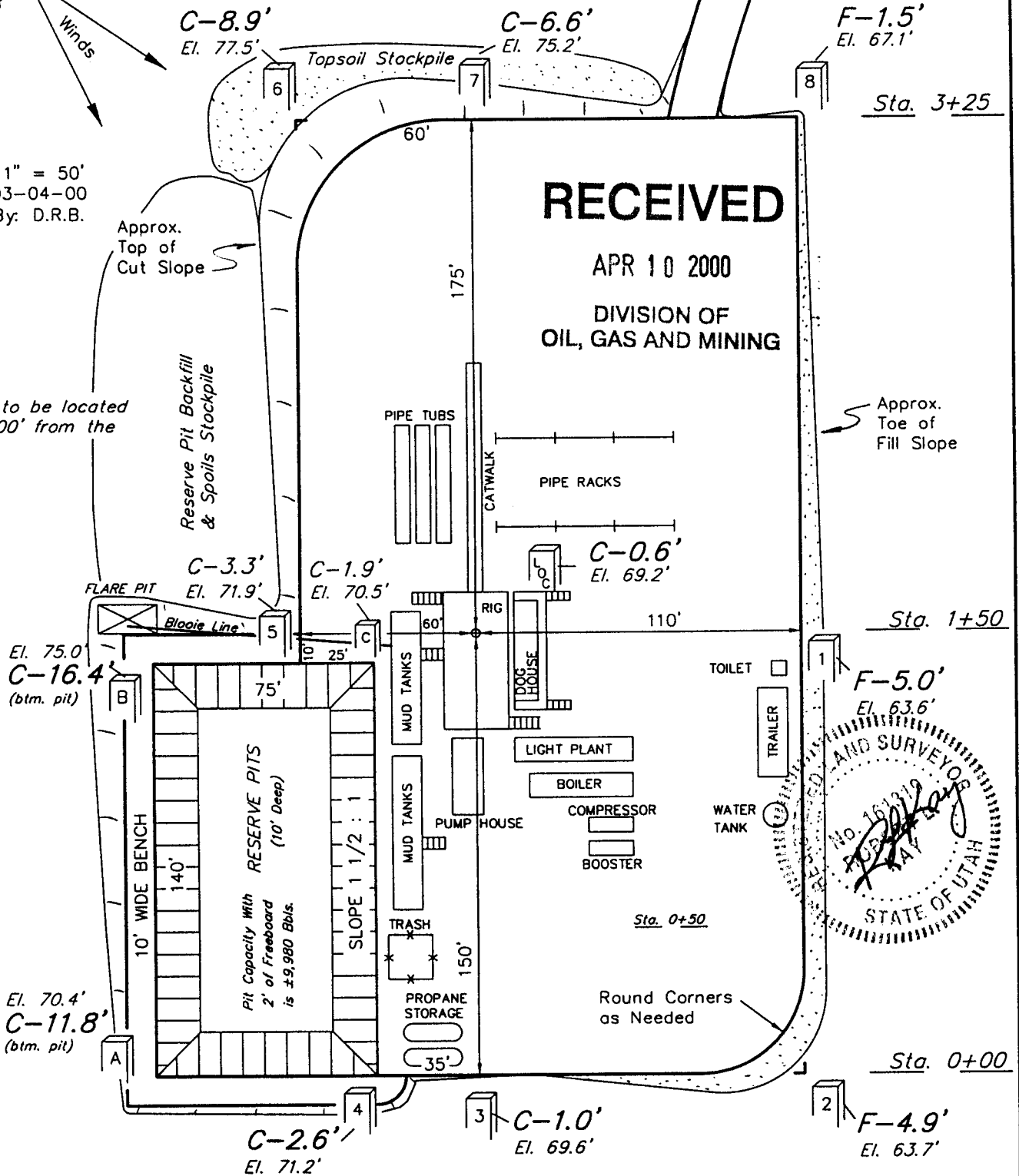
UTE TRIBAL #4-25  
SECTION 25, T4S, R1E, U.S.B.&M.  
509' FNL 594' FWL



SCALE: 1" = 50'  
DATE: 03-04-00  
Drawn By: D.R.B.

### NOTE:

Flare Pit is to be located  
a min. of 100' from the  
Well Head.



### NOTES:

Elev. Ungraded Ground At Loc. Stake = 5069.2'  
FINISHED GRADE ELEV. AT LOC. STAKE = 5068.6'

FIGURE #1

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

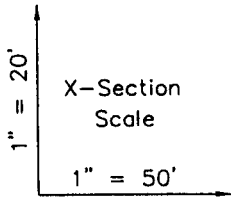
# COASTAL OIL & GAS CORP.

## TYPICAL CROSS SECTIONS FOR

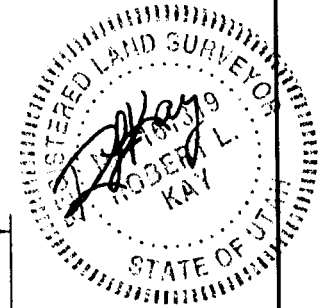
UTE TRIBAL #4-25

SECTION 25, T4S, R1E, U.S.B.&M.

509' FNL 594' FWL



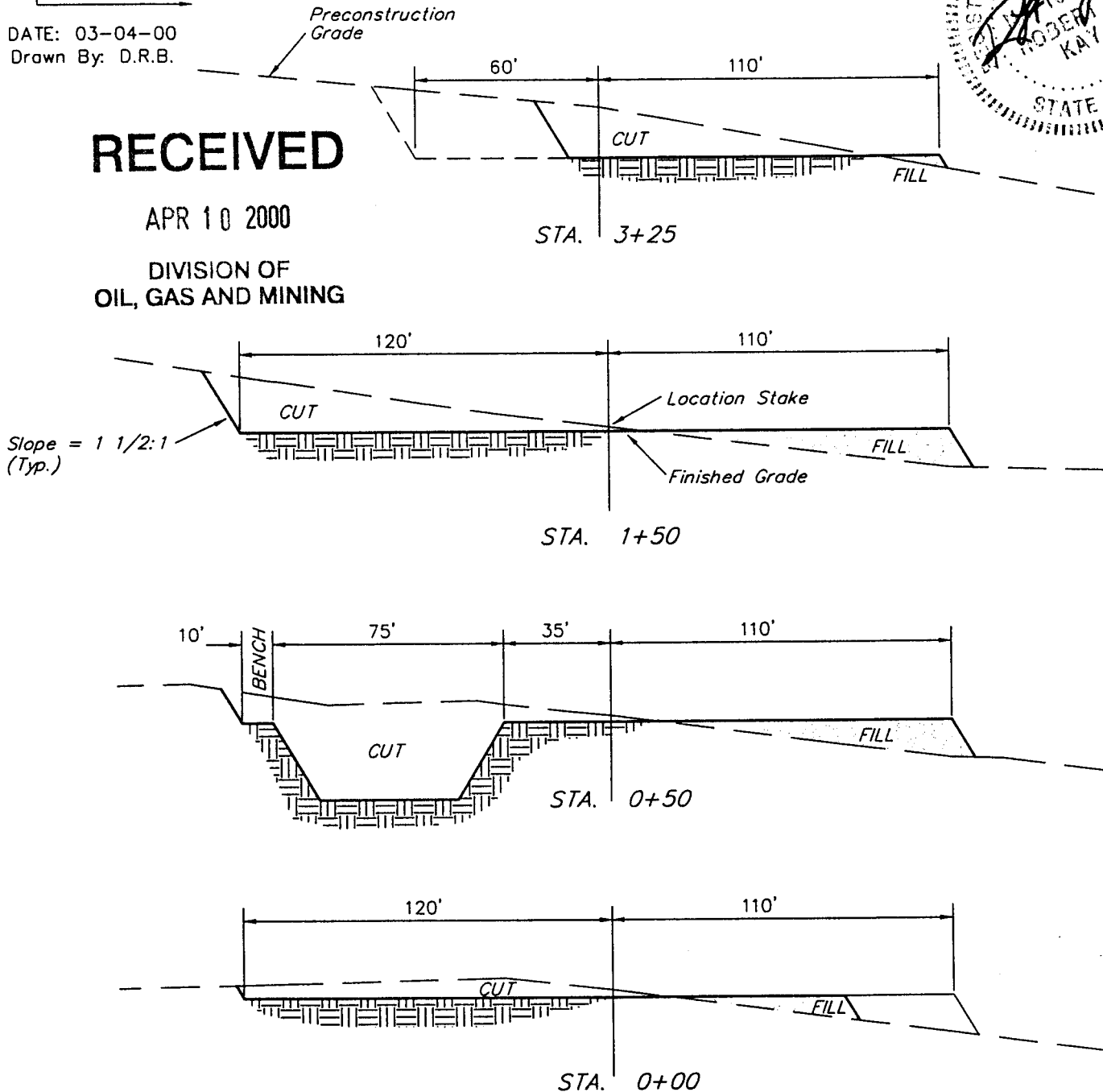
DATE: 03-04-00  
Drawn By: D.R.B.



**RECEIVED**

APR 10 2000

DIVISION OF  
OIL, GAS AND MINING



**FIGURE #2**

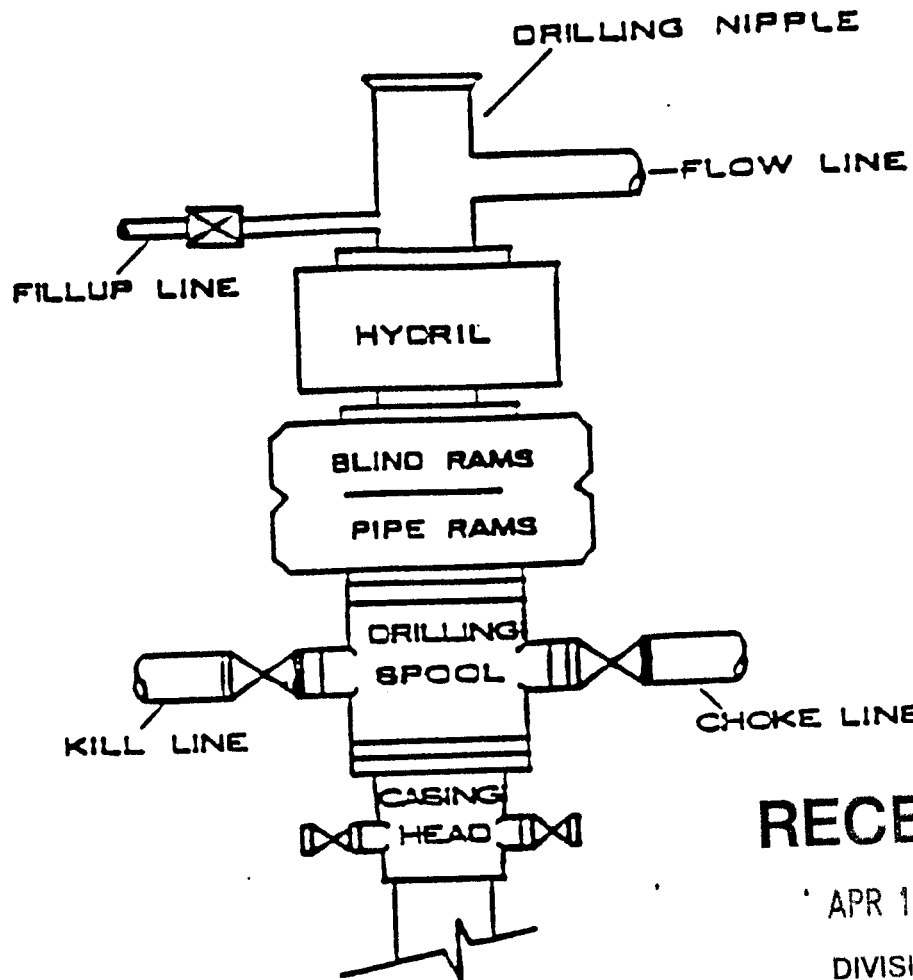
### APPROXIMATE YARDAGES

CUT	
(12") Topsoil Stripping	= 2,410 Cu. Yds.
Remaining Location	= 6,210 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 8,620 CU.YDS.</b>
<b>FILL</b>	<b>= 3,220 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	= 5,230 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,810 Cu. Yds.
<b>EXCESS UNBALANCE (After Rehabilitation)</b>	<b>= 1,420 Cu. Yds.</b>

3,000 PSI

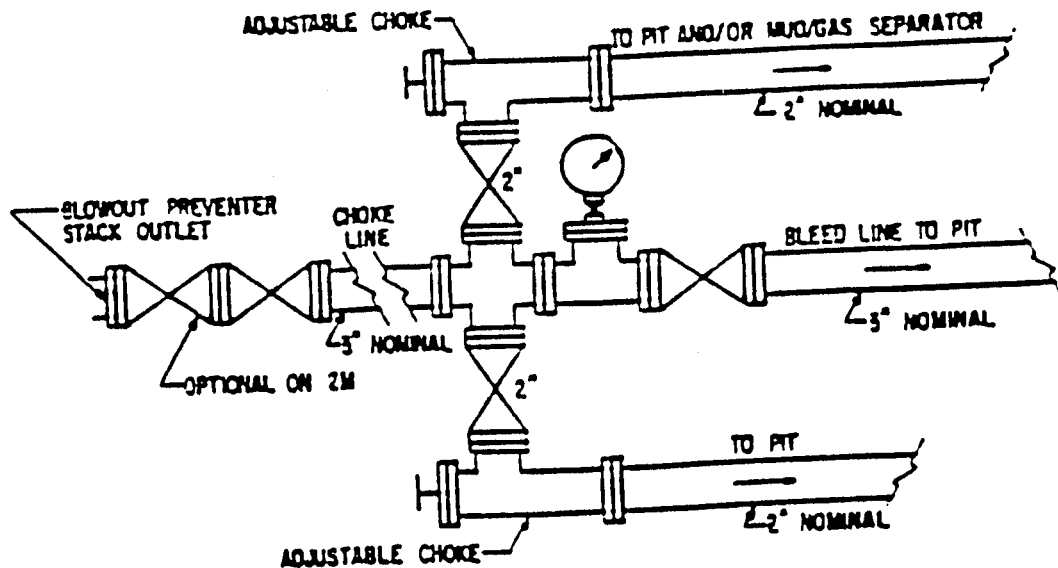
# BOP STACK



**RECEIVED**

APR 10 2000

DIVISION OF  
OIL, GAS AND MINING



COMPANY NAME	Coastal Oil & Gas Corporation	DATE	4/4/00				
WELL NAME	Ute Tribal #4-25	TD	6,500'				
FIELD	Leland Bench	COUNTY	Uintah	STATE	Utah	ELEVATION	5,070' KB
SURFACE LOCATION	NWNW Section 25, T4S-R1E	BHL	Straight Hole				
OBJECTIVE ZONE(S)	Lower Green River Oil						
ADDITIONAL INFO	Normally pressured to TD						

**RECEIVED**  
APR 10 2000  
DIVISION OF  
OIL, GAS AND MINING

CASING PROGRAM

	DESIGN FACTORS							
	SIZE	INTERVAL	WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'						
SURFACE	8-5/8"	0-300'	24#	K-55	STC	>10	>10	>10
PRODUCTION	5-1/2"	0-TD	15.5#	K-55	LTC	SPECIFIED BY PROD DEPT		
TUBING								

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS*	WEIGHT	YIELD
SURFACE		300	Class G + 2% CaCl2 + 0.25 lb/sk Flocele	110	50%	15.60	1.19
PRODUCTION	LEAD	4000	Hifill + 0.6% EX-1 + 0.25 lb/sk Flocele + 0.2% FWCA + 10 lb/sk Gilsonite + 16% Gel + 1% HR-7 + 3% Salt	280	25%	11.60	3.12
	TAIL	2500	50/50 POZ + 0.25 lb/sk Flocele + 0.4% Halad-322 + 2% Gel + 0.1% HR-5 + 2% Microbond M +5% Salt	450	25%	14.4	1.24

\* or 15% over caliper log

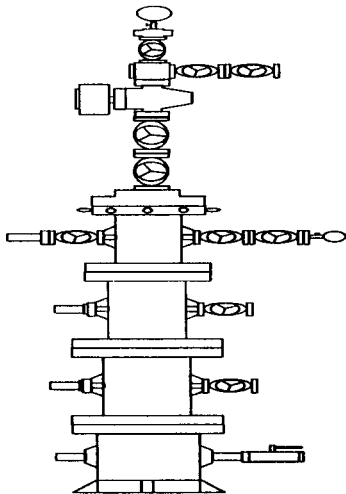
FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, float collar. Thread lock FE up to and including pin end of FC. Centralize first 3 joints and every other joint to surface.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every other joint to top of pay (+/- 4,000').

RECEIVED

WELLHEAD EQUIPMENT

APR 10 2000



TREE	<div>DIVISION OF OIL, GAS AND MINING</div>
TUBING HEAD	11" 3M X 7-1/16" 5M
CASING SPOOL	
CASING SPOOL	
CASING HEAD	8-5/8" SOW X 11" 3M

BIT PROGRAM

INTERVAL	SIZE	BIT MFG & MODEL	GPM	SERIAL	NZLS	COMMENTS
Surface Hole	11"	Various				
SC - Top of Wasatch	7-7/8"	Various				

GEOLOGICAL DATA

LOGGING:

Depth	Log Type
SC - TD	DIL/FDC/CNL

MUD LOGGER:

NA

SAMPLES:

NA

CORING:

NA

DST:

NA

MUD PROGRAM

DEPTH	TYPE	MUD WT	WATER LOSS	VISCOSITY	TREATMENT
0-Trona	Air Mist	NA	NA		
300-TD	Air Mist/Aerated Water Water/Mud	NA 8.5-9.5	NC NC - 15 cc's	NA 30-40	KCL, Gel, LCM, Polymer

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 2M with 2 rams. Test to 2,000 psi prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip.

Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.

Run Totco survey every 500' from surface casing shoe to TD. Maximum allowable hole angle is 5 degrees.

PROJECT ENGINEER:

Blaine Yeary

DATE:

PROJECT MANAGER:

Ben Clark

DATE:

RECEIVED

APR 10 2000

DIVISION OF  
OIL, GAS AND MINING

**PALEONTOLOGICAL FIELD SURVEY REPORT**

**COASTAL OIL AND GAS CORPORATION**

**UTE TRIBAL #4-25**

**SECTION 25, TOWNSHIP 4 SOUTH, RANGE 1 EAST**

**UINTAH COUNTY, UTAH**

**March 7, 2000**

**RECEIVED**

**APR 10 2000**

**DIVISION OF  
OIL, GAS AND MINING**

**BY**

**UINTA PALEONTOLOGICAL ASSOCIATES, INC.  
SUE ANN BILBEY, Ph.D. AND EVAN HALL  
446 SOUTH 100 WEST  
VERNAL, UTAH 84078  
435-789-1033**

**PALEONTOLOGY REPORT FOR COASTAL OIL AND GAS CORPORATION  
UTE TRIBAL #4-25, Ute Tribal Lands, Uintah County, Utah**

The proposed location for Coastal Oil and Gas Corporation Ute Tribal #4-25 is in the NW 1/4, NW 1/4, Section 25, Township 4 South Range 1 East, Uintah County, Utah (Figure 1). It is in Quaternary alluvium deposited on the Eocene Uinta Formation (Rowley, et al. 1985).. An extensive paleontological field survey was done of much of the Leland Bench area, in 1996 for Snyder Oil and Western Geophysical Survey (Uinta Paleontological Associates, 1996).. That survey revealed that a Quaternary alluvial surface predominates on much of Leland Bench..

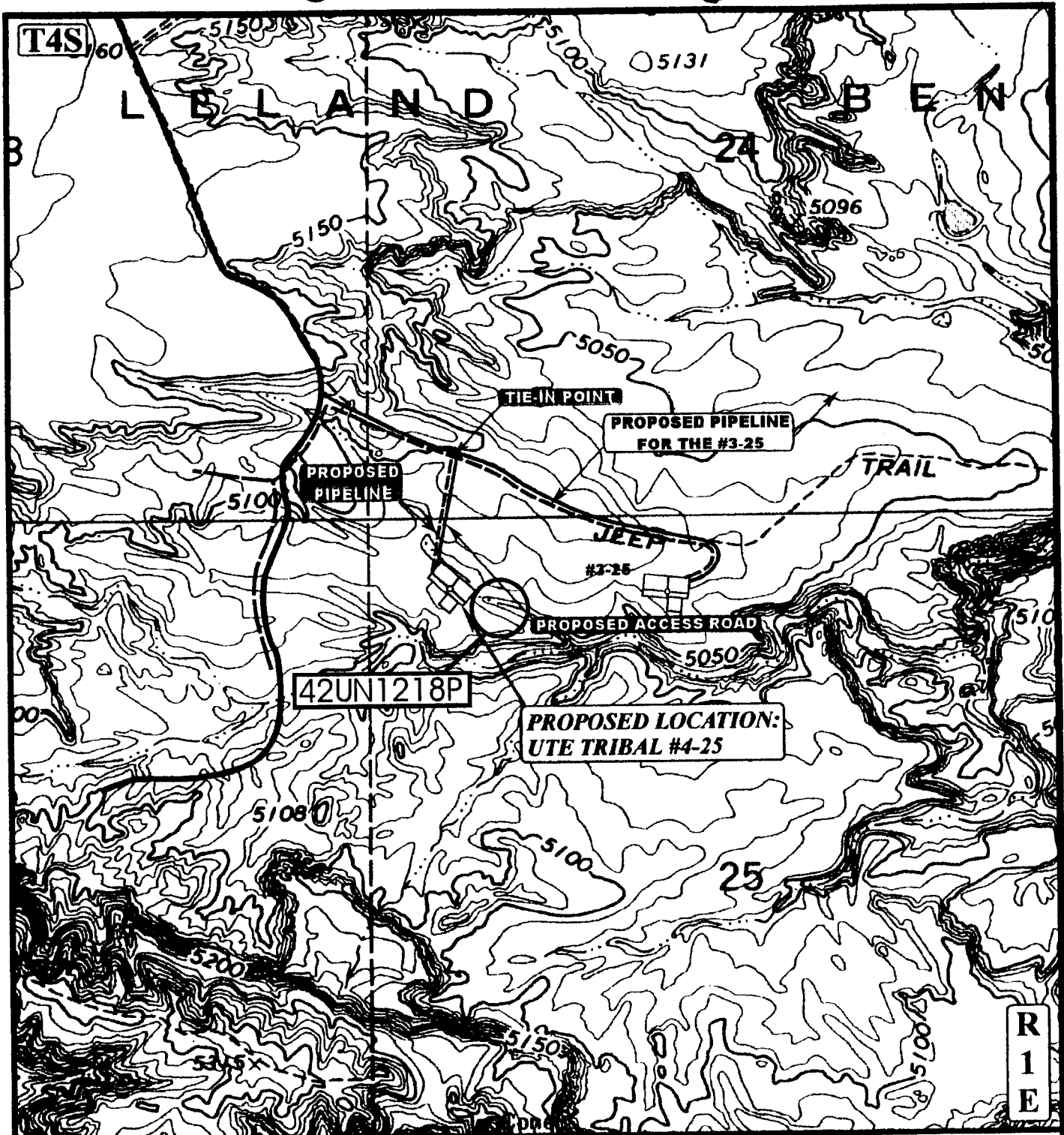
Bedrock exposed at the well site in the southern portion of Section 25 is part of the Uinta Formation, a late Eocene unit noted for its extensive paleontological resources (Untermann and Untermann, 1969; Rowley, et al, 1985; Hamblin, 1991; Uinta Paleontological Associates, 1996). Significantly this area is just north of the type localities for many of the fossil mammals of the Uintan Mammal Age (i.e., the White River Pocket and Myton Pocket).. The Uinta Formation "C": or upper member (a Type 1 paleontological unit) is primarily light gray to variegated mudstones with interbedded fluvial sandstone units. Based primarily on the types of fossil mammals found on the Leland Bench, the Uinta "C" is the member represented here, unlike earlier assumptions that it is Uinta "B" (Hamblin 1994).

The access road is primarily of Quaternary alluvium composed of rocky soils that have weathered from the nearby Uinta formation exposures. Bedrock is occasionally seen, but no fossils were found associated with it. Where revealed in small gullies, fluvial sandstone predominates although there are a few exposures of reddish brown mudstone. No fossils were found along the ROW

The well site is also primarily covered by thin Quaternary alluvium, although the southeastern edge has a gully with Uinta bedrock exposed. In this gully, rare plant impressions are weathering from a meter thick, yellowish gray sandstone (Figures 2 and 3, 42UN1218p). The fossils are prominent because they are highlighted by reddish brown, iron stain. The gully should not be impacted by well site construction unless debris is dumped over the edge.

Recommendations: As long as the gully on the southeastern side of the well site is not impacted by construction, a paleontological monitor is not necessary. If vertebrate fossils or better fossil plants are uncovered during ground disturbance, the project paleontologist should be contacted.





APPROXIMATE TOTAL PIPELINE DISTANCE = 900' +/-

**LEGEND:**

- EXISTING PIPELINE
- - - - - PROPOSED PIPELINE
- PROPOSED ACCESS

N



**COASTAL OIL & GAS CORP.**

UTE TRIBAL #4-25  
SECTION 25, T4S, R1E, U.S.B.&M.  
509' FNL 593' FWL



**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC** 3 3 00  
**MAP** MONTH DAY YEAR  
SCALE: 1" = 1000' DRAWN BY: C.G. REVISED: 00-00-00

**D**  
TOPO



Figure 6. Ute Tribal 4-25 site with wood impressions located south of center stake.



Figure 7. Bark pattern shows on this cast. Fossil locality 42UN1218V.

## LITERATURE CITED

- Black, C. C. and M. R. Dawson, 1966, A review of late Eocene mammalian fauna from North America: *American Journal of Science*, v. 264, p. 321-349.
- Bryant, B., C. W. Naeser, R. F. Marvin, and H. H. Mehnert, 1989, Upper Cretaceous and Paleogene sedimentary rocks and isotopic ages of Paleogene tuffs, Uinta Basin, Utah: *U. S. Geol. Survey Bull.* 1787-J, 22 pp.
- Cashion, W. B., 1973, Geologic and structure map of the Grand Junction Quadrangle, Colorado and Utah: *U. S. Geol. Survey Map* I-736.
- Franczyk, K. J., J. K. Pitman, and D. J. Nichols, 1990, Sedimentology, mineralogy, and depositional history of some Uppermost Cretaceous Lowermost Tertiary rocks along the Utah Book and Roan Cliffs east of the Green River: *U. S. Geol. Survey Bull.* 1787, 27 pp.
- Hamblin, A. D., 1987, Paleogeography and paleoecology of the Myton Pocket, Uinta Basin, Utah (Uinta Formation - upper Eocene): *Brigham Young University Geology Studies*, v. 34, no. 1, p. 33-60.
- Hamblin, A. H., 1991, Paleontology report for the cultural resources component of the Natural Buttes EA Study Area, Metcalf Archaeological Associates.
- Kay, J. L., 1957, The Eocene vertebrates of the Uinta Basin, Utah: *in* *Geology of the Uinta Mountains*, Intermountain Association of Petroleum Geologists Guidebook, 8th Annual Field Conference, p. 110-114.
- Rowley, P. D., W. R. Hansen, O. Tweto, and P. I. Carrara, 1985, Geologic Map of the Vernal 1° x 2° Quadrangle, Colorado, Utah, and Wyoming: *United States Geological Survey Misc. Investigation Series Map* I-1526.
- Savage, D. E. and D. E. Russell, 1983, *Mammalian paleofauna of the world*: Addison-Wesley Publ. Co., 432 pp.
- Stagner, W. L., 1941, The paleogeography of the eastern part of the Uinta Basin during Uinta B (Eocene) Time: *Annals of Carnegie Museum*, v. 28, p. 273-308.
- Uinta Paleontological Associates (Bilbey, Hamblin, Rasmussen, and Hall), 1996, Paleontological field survey for Leland Bench: Snyder Oil Corp. and Western Geophysical, 140 pp.
- Untermann, G. E. and B. R. Untermann, 1968, Geology of Uintah County: *Utah Geologic and Mineralogical Survey Bulletin* 72, 98 pp.

<p style="text-align: center;">PALEONTOLOGY LOCALITY</p> <p style="text-align: center;">Data Sheet</p>										Page      of									
										State Local No. 42UN1218 p									
										Agency No. BLM-UT-S-98-001									
										Temp. No. Ute Tribal 4-25									
1. Type of locality Invertebrate				Plant	x	Vertebrate				Trace			Other _____						
2. Formation: Uinta					Horizon: C - Myton					Geologic Age: Eocene									
3. Description of Geology and Topography: Flat covered with Quaternary alluvium (rocky to sandy soils), drainage to the east, gully cut into the bench. Rocks exposed are primarily tan to brown sandstone interbedded with reddish brown mudstone. Dip is slightly to the north.																			
4. Location of Outcrop: Sandstone exposed in the drainage on the southeast side of the well site. Beds are cross bedded channel deposits. About one meter thick beds																			
5. Map Ref.		USGS Quad		Uteland Butte, Utah				Scale		7.5		Min		Edition		1964			
NW1/4		of		NW1/4		of		of Sectn		25		T		4S		R 1E Meridn UB			
6. Lat.				Long.				UTM Grid 12T0599080, 4440580											
7. State: Utah				County: Uintah				BLM/FS District: Ute Tribal Lands / Book Cliffs											
8. Specimens Collected and Field Accession No. None collected																			
9. Repository:																			
10. Specimens Observed and Disposition: Plant impressions preserved as iron stained imprints of logs and bark preserved in tan to brownish channel sandstone beds on the southeast corner of the well site.																			
11. Owner:							US					x							
Private			State		BLM		FS		NPS		IND		MIL		OTHR				
12. Recommendations for Further Work or Mitigation: Well site construction debris should not be dumped onto this site. If more well preserved plant fossils or vertebrate fossil material is found, the project paleontologist should be notified immediately. No monitoring is necessary.																			
13. Type of Map Made by Recorder: Site on a topographic map																			
14. Disposition of Photo Negatives: Photos of plant impressions																			
15. Published References: Rowley, et al., 1985																			
16. Remarks:																			
17. Sensitivity:		Critical		Significant		x		Important		Insignificant									
18. Recorded by: Sue Ann Bilbey, Ph.D. and Evan Hall										Date: February 29, 2000									

CULTURAL RESOURCE INVENTORY OF  
COASTAL OIL & GAS WELL LOCATIONS UTE TRIBAL  
2-26, 9-26, 3-25, 4-25, 7-25, 11-25 AND 12-25  
IN THE LELAND BENCH AREA,  
UINTAH COUNTY, UTAH

Michael S. Wolfe  
and  
Keith R. Montgomery

CULTURAL RESOURCE INVENTORY OF  
COASTAL OIL & GAS WELL LOCATIONS UTE TRIBAL  
2-26, 9-26, 3-25, 4-25, 7-25, 11-25 AND 12-25  
IN THE LELAND BENCH AREA,  
UINTAH COUNTY, UTAH

By:

Michael S. Wolfe  
and  
Keith R. Montgomery

Prepared For:

Ute Indian Tribe  
Energy and Minerals  
Resource Department  
P.O. Box 70  
Ft. Duchesne, UT 84026

Prepared Under Contract With:

Coastal Oil and Gas Corporation  
P.O. Box 1148  
Vernal, Utah 84078

Prepared By:

Montgomery Archaeological Consultants  
P.O. Box 147  
Moab, Utah 84532

March 14, 2000

Ute Indian Tribe License No. A00-363

United States Department of Interior (FLPMA)  
Permit No. 99-UT-60122

State of Utah Antiquities Project (Survey)  
Permit No. U-00-MQ-0023i

## ABSTRACT

Cultural resource inventories were conducted by Montgomery Archaeological Consultants (MOAC) in February, 2000, for seven Coastal Oil & Gas well locations, access roads, and pipelines. The project area is located 12 miles south of Randlett, Uintah County, Utah. The proposed wells occur in Coastal Oil and Gas Corporation's Leland Bench Field and include: Ute Tribal Wells 2-26, 9-26, 3-25, 4-25, 7-25, 11-25 and 12-25. A total of 95 acres was inventoried on Ute Tribal lands, Uintah and Ouray Reservation.

The cultural resource inventory resulted in the location of seven previously-recorded sites (42Un1672, 42Un1840, 42Un2231, 42Un2345, 42Un2348, 42Un2349, and 42Un2351), and the documentation of four new archaeological sites (42Un2658, 42Un2659, 42Un2660 and 42Un2661). In addition, one historic isolated find was documented (IF-A). All the newly-recorded archaeological sites (42Un2658, 42Un2659, 42Un2660 and 42Un2661) are evaluated as eligible to the NRHP under Criterion (d) based on their potential for providing information relevant to the research domains of the area. Sites 42Un2658, 42Un2660 and 42Un2661 are classified as prehistoric temporary camps of unknown temporal affiliation. Activities conducted at these sites include possible faunal processing and lithic tool manufacturing. Diagnostic artifacts were limited to scrapers, and an absence of ground stone and hunting implements was noted. All of these sites contain one or more burned rock features which lack surface indications of cultural deposits. Since the sites occur in aeolian deposition on Leland Bench they have good potential for yielding additional diagnostic artifacts and features. In addition, further investigations of the burned rock features could yield morphological, radiocarbon, and subsistence information. Site 42Un2659 is a lithic scatter containing chipped stone tools (bifaces, scrapers, and cores) as well as debitage. The site lies in aeolian soil with potential for additional cultural remains

In conclusion, the cultural resource inventory of Coastal Oil & Gas Corporation's seven Ute Tribal well locations resulted in the location or documentation of six prehistoric sites (42Un2349, 42Un2351, 42Un2658, 42Un2659, 42Un2660 and 42Un2661) which are considered eligible to the NRHP under Criterion (d). It is recommended that these archaeological sites be avoided from well location development. Based on this recommendation, a determination of "no historic properties affected" is proposed for the project pursuant to Section 106, CFR 800.

## TABLE OF CONTENTS

ABSTRACT .....	i
TABLE OF CONTENTS .....	ii
LIST OF TABLE .....	ii
LIST OF FIGURES .....	ii
INTRODUCTION .....	1
PREVIOUS RESEARCH .....	1
DESCRIPTION OF THE PROJECT AREA .....	2
Environment .....	4
Cultural Historical Overview .....	5
SURVEY METHODOLOGY .....	6
INVENTORY RESULTS .....	6
Archaeological Sites .....	6
Isolated Find .....	10
NATIONAL REGISTER OF HISTORIC PLACES EVALUATION .....	11
MANAGEMENT RECOMMENDATIONS .....	12
REFERENCES CITED .....	13
APPENDIX A: Site Location Data .....	16
APPENDIX B: INTERMOUNTAIN ANTIQUITIES COMPUTER SYSTEM (IMACS) SITE FORMS .....	18

## LIST OF TABLE

1. Leland Bench Field Seven Well Locations Descriptions .....	4
---	---

## LIST OF FIGURES

1. Inventory Area of Seven Wells in the Leland Bench Area .....	3
2. Inventory Area of Seven Wells in the Leland Bench Area with Cultural resources .....	17



## INTRODUCTION

Cultural resource inventories were conducted by Montgomery Archaeological Consultants (MOAC) in February, 2000 for seven proposed well locations with associated access roads and pipelines. The project area occurs in Coastal Oil and Gas Corporation's Leland Bench Field, Uintah County, Utah. The survey was implemented at the request of Ms. Cheryl Cameron, Coastal Oil & Gas Corporation, Vernal, Utah. The project is situated on Ute Indian land (Uintah & Ouray Reservation).

The objective of the inventories was to locate, document, and evaluate any cultural resources within the project area in order to comply with Section 106 of 36 CFR 800, the National Historic Preservation Act of 1966 (as amended). Also, the inventories were implemented to attain compliance with a number of federal and state mandates, including the National Environmental and Policy Act of 1969, the Archaeological and Historic Conservation Act of 1972, the Archaeological Resources Protection Act of 1979, the American Indian Religious Freedom Act of 1978, and the Utah State Antiquities Act of 1973 (amended 1990).

The fieldwork was conducted on February 23, 24, and 28, 2000, by Keith R. Montgomery, Principal Investigator, and assisted by Michael S. Wolfe, Sharyl Kinnear-Ferris and Mark Bond. The inventory was performed under the auspices of U.S.D.I. (FLPMA) Permit No. 99-UT-60122, State of Utah Antiquities Permit (Survey) No. U-00-MQ-0023i and Ute Indian Tribe License No. A00-363.

## PREVIOUS RESEARCH

Prior to the fieldwork, a file search for previous cultural resource inventories and archaeological sites was conducted by MOAC personnel, Sarah Ball, at the Division of State History, Antiquities Section, Salt Lake City. This consultation indicated that numerous archaeological surveys have been completed in the area related to energy exploration. In 1986 and 1987, three well locations and access roads were surveyed by Archaeological-Environmental Research Corporation (AERC) for Conoco Oil (Hauck 1986a, 1986b, 1987a) and Holden Energy Corporation (Hauck 1987b). Also a seismic line corridor was surveyed in 1987 for Arma Geophysical (Hauck 1987c). In 1988, AERC inventories several well locations for Holden Energy Corporation (Hauck 1988a, 1988b, 1988c). During 1994, 1995 and 1996 numerous well locations, gathering systems, and access roads were surveyed for Snyder Oil Corporation by Metcalf Archaeological Consultants (MAC) (Barclay 1994a, 1994b, 1994c, 1994d, 1994e, 1994f, 1996; Metcalf 1995) and by Brigham Young University (Richens 1995). Additional well location

inventories were completed by Senco-Phenix from 1996 to 1998 for Snyder Oil Corporation (Senulis 1996, 1997 and 1998). These inventories have demonstrated a relatively high prehistoric site density on Leland Bench. Most of these sites seem to be oriented to lithic procurement and preliminary processing of lithic material. Numerous features of fire-altered rocks, unaccompanied by ash or charcoal staining, have been recorded. Some of these sites are rather extensive (e.g., 42Un1672, 42Un1840, 42Un2345 and 42Un2351).

Seven archaeological sites have been documented within the current project area. Site 42Un1672 is an extensive lithic scatter first recorded by AERC (Hauck 1988b, 1988c) and later revisited and enlarged by MAC (Barclay 1994d, 1996). This site is evaluated as not eligible to the NRHP. Site 42Un1840 is a low density lithic procurement/temporary camp recorded by Grand River Institute in 1991 (Connors 1991), evaluated as not eligible to the National Register of Historic Places (NRHP). Site 42Un2231 is a small lithic scatter recorded by Brigham Young University (Richens 1995), and is considered eligible to the NRHP. Site 42Un2345 is a low density lithic scatter recorded by MAC (Barclay 1996), and evaluated as not eligible to the NRHP. Site 42Un2348 is a lithic scatter recorded by Senco-Phenix (Senulis 1996), and is considered not eligible to the NRHP. Site 42Un2349 is a temporary camp with fire-cracked rock documented by Senco-Phenix (Senulis 1996), and evaluated as eligible to the NRHP. Site 42Un2351 is a lithic procurement/processing locality and campsite recorded by Senco-Phenix (Senulis 1996), and is evaluated as eligible to the NRHP.

## DESCRIPTION OF PROJECT AREA

The project area is located in the Uintah Basin. More specifically, it is located northwest of the Green River and north of Pariette Wash, approximately 12 miles south of Randlett, Uintah County, Utah. The seven proposed well locations occur in Coastal Oil and Gas Corporation's Leland Bench Field and include: Ute Tribal 2-26, 9-26, 3-25, 4-25, 7-25, 11-25 and 12-25 (Figure 1). The project area is situated in Township 4 South, Range 1 East, Sections 23, 24, 25 and 26 (Figure 1). Specific information on the proposed well locations are presented in Table 1.

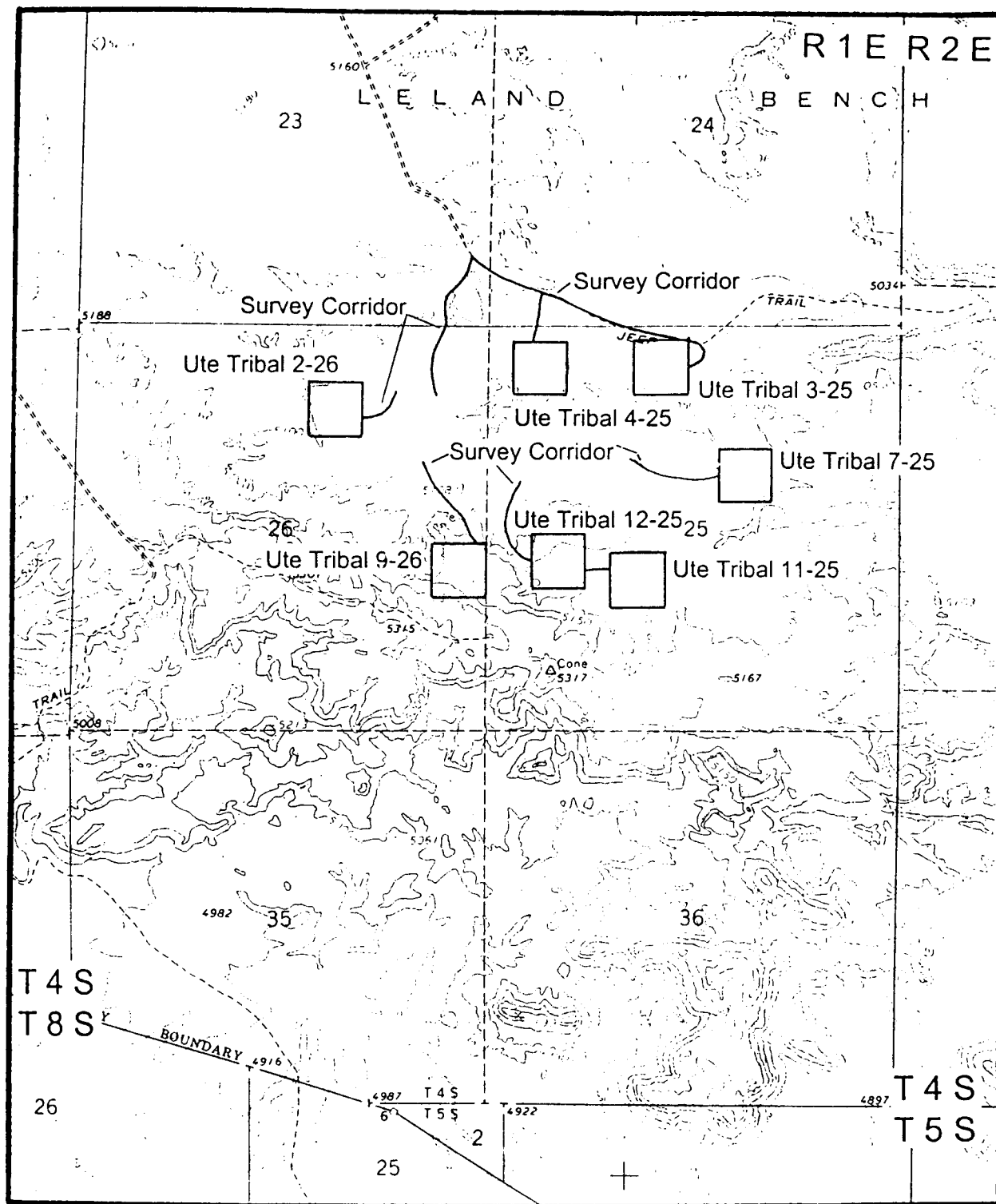


Figure 1. Inventory Area of Coastal Oil and Gas Corporation's Seven Wells in the Leland Bench Area, Uintah County, UT. USGS 7.5 Uteland Butte, UT1964. Scale 1:24000.

Table 1. Coastal Oil & Gas Corporations Leland Bench Seven Well Locations

Well Location Designation	Legal Location	Location at Surface	Access/Pipeline	Cultural Resources
Ute Tribal 2-26	T4S R1E S26, NW, NW	1019' FNL 2063' FEL	Access/Pipeline 600'	42Un2351
Ute Tribal 9-26	T4S R1E S26, NE, SE	2180' FSL 460' FEL	Access/Pipeline 1200'	42Un1672
Ute Tribal 3-25	T4S R1E S25, NE, NW	549' FNL 2162' FWL	Access/Pipeline 2500'	42Un1840, 42Un2345 42Un2348, 42Un2349, IF-A
Ute Tribal 4-25	T4S R1E S25, NW, NW	509' FNL 593' FWL	Pipeline 2000' Access/Pipeline 1800'	42Un1840, 42Un2231, 42Un2345
Ute Tribal 7-25	T4S R1E S25, SW, NE	1850' FNL 2050' FEL	Access/Pipeline 1100'	42Un2658, 42Un2659, 42Un2660
Ute Tribal 11-25	T4S R1E S25, NE, SW	1950' FSL 1902' FWL	Access/Pipeline 400'	42Un2661
Ute Tribal 12-25	T4S R1E S25, NW, SW	2121' FSL 834' FWL	Access/Pipeline 1300'	42Un1672

## Environment

The study area lies within the Uinta Basin physiographic unit, a distinctly bowl-shaped geologic structure (Stokes 1986:231). The entire Uinta Basin ecosystem is within the Green River drainage, considered to be the northernmost extension of the Colorado Plateau. Specifically, the survey area is situated on the deeply dissected uplands of Leland Bench. The geology includes Quaternary alluvial deposits, older alluvial terrace deposits, and rock outcrops of the Eocene Uintah Formation. In addition exposed sections of the Duchesne River Formation occur in the area which are composed of river-deposited soft clay, conglomerate mudstone, and ledgy sandstone. This formation is thought to contain the latest Eocene fauna of North America composed of fossil vertebrates of turtles, artiodactyls, perissodactyls, rodents, carnivores, and crocodile (Ibid:160). The depositional environment in the project area is characterized by exposed sandstone and shale bedrock

alternating with barren clay surfaces and sand fields. The nearest water source is Pariette Draw situated several miles south of Leland Bench which drains southeast into the Green River. The inventory area is also dissected by various intermittent drainages. The elevation of the project area ranges from 4950 to 5250 feet a.s.l. The project occurs within the Upper Sonoran Desert Shrub association. Shadscale and saltbrush communities are found in the alkaline bottoms. Low sagebrush and grasses are found on the terraces and benches. Some areas are barren due to the alkali nature of the soil and high rates of erosion. Modern disturbances include livestock grazing, roads, and oil/gas development.

### Cultural-Historical Overview

The cultural-chronological sequence represented in the study area includes the Paleoindian, Archaic, Fremont, and Euro-American stages. The earliest inhabitants of the region are representative of the Paleoindian stage (ca. 12,000-8,000 B.P.). This stage is characterized by the adaptation to terminal Pleistocene environments and characterized by the exploitation of big game fauna. The presence of Paleoindian hunters in the Uinta Basin region is implied by the discovery of Clovis and Folsom fluted points, as well as the later Plano Complex lanceolate projectile points. The Archaic stage (ca. 8,000 B.P. - 1,500 B.P.) is characterized by peoples depending on a foraging subsistence strategy, seasonally exploiting a wide spectrum of plant and animal species in different ecozones. In the Uinta Basin evidence of widespread Early Archaic exploitation is relatively sparse compared to the subsequent Middle and Late Archaic periods. Early Archaic (ca. 6000 to 3000 B.C.) sites in the basin include sand dune sites and rockshelters clustered mainly in the lower White River drainage as well as along the Green River in the Browns Park and Flaming Gorge area (Spangler 1995:373). Projectile points recovered from Uinta Basin contexts include Pinto Series, Humboldt, Elko Series, Northern Side-notched, Hawken Side-notched, Sudden Side-notched and Rocker Base Side-notched points. The Formative stage (A.D. 500-1300) is recognized in the area as the Uinta Fremont, first termed by Marwitt (1970). This stage is characterized by reliance upon domesticated corn and squash, increasing sedentism, and in its later periods, substantial habitation structures, pottery, and bow and arrow weapon technology. Based on the evidence from Caldwell Village, Boundary Village, Deluge Shelter, Mantles Cave and others, the temporal range of the Uinta Fremont appears to be from A.D. 650 to 950.

Archaeological evidence suggests that the Ute appeared in east-central Utah at approximately A.D. 1100 or shortly before the disappearance of Formative-stage peoples (Reed 1994). The archaeological remains of Numic-speaking Ute consist primarily of lithic scatters with low quantities of brown ware ceramics, rock art, and occasional wickiups. The Eastern Ute, comprising the bands living east of the Green River, has been divided into four phases (Reed 1988). The earliest and most tenuous phase is the Chipeta Phase, dated between A.D. 1250 and 1400. Diagnostic artifacts include Desert Side-notched, Cottonwood Triangular, and small corner-notched arrow points and possibly Shoshonean knives. The Canalla phase (ca. A.D. 1400-1650) designates the period between the appearance of well-dated Uncompahgre brown ware ceramics and the adoption of an equestrian lifeway. Diagnostic artifacts include Uncompahgre Brown Ware ceramics,

Desert Side-notched and Cottonwood Triangular points, and Shoshonean knives. The pedestrian hunter and gatherers probably lived in wickiups. Near the end of the phase, some groups may have obtained trade items from Spanish settlements in New Mexico (Horn, Reed, and Chandler 1994:131). The Antero phase (ca. A.D. 1650-1881) represents a shift to a fully equestrian lifestyle and integration of EuroAmerican trade goods into Ute material culture. The introduction of the horse allowed the hunting of bison on the Plains and led to an increase in the importance of raiding for economic gain (Ibid:131). EuroAmerican trade goods became important, and tepees as well as wickiups were inhabited. In 1912, Robert H. Lowie observed conical lodges at Ouray differing from the tipi merely in having a brush cover and was informed that these were used in the old days for a summer habitation (Smith 1974:33).

## SURVEY METHODOLOGY

The archaeologists were accompanied to the field by Alvin Ignacio, Oil and Gas Technician, Energy & Minerals Resources Department, Ute Indian Tribe. An intensive pedestrian survey was performed for this project which is considered 100% coverage. At the seven proposed well locations, a 10 acre square was defined, centered on the well pad center stake. The interior of the well locations was examined for cultural resources by the archaeologists walking parallel transects spaced no more than 10 meters apart. A 100-foot wide corridor was surveyed along the access and pipeline corridors, inspected by walking parallel transects along the staked centerline, spaced no more than 10 meters apart. Ground visibility was considered good. A total of 95 acres was inventoried on Ute Tribal lands.

## INVENTORY RESULTS

The cultural resource inventory resulted in the location of seven previously-recorded sites (42Un1672, 42Un1840, 42Un2231, 42Un2345, 42Un2348, 42Un2349, and 42Un2351) and the documentation of four new archaeological sites (42Un2658, 42Un2659, 42Un2660 and 42Un2661). In addition, one isolated historic artifact was documented (IF-A), and a previously unrecorded feature was added to Site 42Un1672.

### Archaeological Sites

<u>Smithsonian Site No.:</u>	42Un1672
<u>Temporary Site No.:</u>	26-4-I #1
<u>Legal Description:</u>	T 4S, R 2E, S. 25
<u>Well Location:</u>	Ute Tribal 12-25
<u>NRHP Evaluation:</u>	Not Eligible

Description: This is an extensive prehistoric lithic scatter originally recorded by AERC in 1988 (Hauck 1988b, 1988c) and evaluated as not eligible to the NRHP. In 1994 the site was inspected and enlarged to a 467,000 square meter area by MAC (Barclay

1994a, 1994b, 1994c, 1994d, 1994e and 1994f). Several years later it was revisited by MAC who increased the site area to 481,436 square meters (Barclay 1996). Basically the site is a low density lithic scatter containing early stage tools reflecting secondary procurement and lithic testing activities. Numerous inspections at this locality have failed to identify temporal diagnostic artifacts. The site is presently disturbed by several well pads and access roads. During this project a rock concentration (Feature 1) was recorded, located at the base of a steep slope 50 feet northeast of the access road into proposed Ute Tribal 12-25 well location. Approximately 55 alluvial cobbles and fragments, most of which appear fire-reddened are scattered along a residual slope within a 1 by 3 meter area. This feature lacks morphology and cultural deposits (e.g., charcoal or ash). There is no apparent depth potential, therefore the documentation of Feature 1 does not change the eligibility of this site.

Smithsonian Site No.: 42Un1840  
Temporary Site No.: None  
Legal Description: T 4S, R 1E, S. 24  
Well Location: Ute Tribal 4-25 and 3-25  
NRHP Evaluation: Not Eligible

Description: This is a lithic procurement locality recorded by Grand River Institute in 1991 (Conners 1991). The site extends 480 by 120 meters along a gravel finger ridge. The source material consists of Quaternary cobbles of chert and quartzite. Cultural materials include about 15 flakes and core fragments. Most of the chipped stone tools are manufactured from chert and consist of a biface, a uniface, a large scraper, a flake tool, as well as two quartzite scraper-on-cores. Located in the northeast portion of the site is a possible deflated hearth. This site is evaluated as not eligible to the NRHP since it is unlikely to yield important information concerning the prehistory of the area.

Smithsonian Site No.: 42Un2231  
Temporary Site No.: SOCO 25-1  
Legal Description: T 4S, R 1E, S. 25  
Well Location: Ute Tribal 4-25  
NRHP Evaluation: Not Eligible

Description: This is a prehistoric lithic scatter recorded by Brigham Young University in 1995 (Talbot 1995). This site measures about 75 by 100 meters and is situated on a sandy knoll extending onto the adjacent desert pavement. Cultural materials includes a light scatter of decortication and secondary flakes with two concentrations noted. Chipped stone tools are limited to a quartzite chopper and a chert hammerstone. No temporal diagnostic artifacts were observed. This site is evaluated as not eligible to the NRHP based on the shallow soils and lack of potential for yielding additional information.

Smithsonian Site No.: 42Un2345  
Temporary Site No.: Leland #1  
Legal Description: T 4S, R 1E, S. 23 and 26  
Well Location: Ute Tribal 4-25  
NRHP Evaluation: Not Eligible

Description: This is a low density lithic scatter recorded by Metcalf Archaeological Consultants in 1996 (Barclay 1996). The site is associated with a deflated area of desert pavement containing cobbles of quartzite and chert. It consists predominately of lithic debitage, cores, and tested cobbles reflecting casual lithic testing and secondary procurement activities. The site is considered not eligible for NRHP inclusion based on the absence of diagnostic artifacts, features, and lack of depth potential.

Smithsonian Site No.: 42Un2348  
Temporary Site No.: LB-1  
Legal Description: T 4S, R 1E, S. 25  
Well Location: Ute Tribal 3-25  
NRHP Evaluation: Not Eligible

Description: This is a prehistoric lithic scatter of unknown temporal affiliation documented by Senco-Phenix in 1996 (Senulis 1996). The site is situated on a residual ridge and measures 70 by 80 meters. Cultural materials consist of about 90 chert secondary flakes and a mano fragment. Three deflated burned rock clusters were identified containing 10 to 15 fire-cracked rocks and lacking cultural deposits. This site is considered not eligible to the NRHP due to its poor physical integrity, the absence of intact features, and minimal potential for buried cultural remains.

Smithsonian Site No.: 42Un2349  
Temporary Site No.: LB-2  
Legal Description: T 4S, R 1E, Section 25  
Well Location: Ute Tribal 3-25  
NRHP Evaluation: Eligible

Description: This is a lithic scatter of unknown temporal affiliation documented by Senco-Phenix in 1996 (Senulis 1996). The site is situated in aeolian deposition near the rim of a high ridge, and measures 50 by 50 meters. Cultural materials include lithic debitage, a uniface, and four ground stone fragments. In addition four fire-cracked features were recorded. The site is evaluated as eligible to the NRHP, since potential exists for buried cultural deposits and features which could provide pertinent data to address the research domains of the area. The site is located about 100 feet east of the proposed access road into Ute Tribal 3-25 well location.



Smithsonian Site No.: 42Un2351  
Temporary Site No.: LB-4  
Legal Description: T 4S, R 1E, S. 26  
Well Location: Ute Tribal 2-26  
NRHP Evaluation: Eligible

Description: This is an extensive lithic scatter of unknown temporal affiliation documented in 1996 by Senco-Phenix (Senulis 1996). This site is situated on a south-facing bench and extends 500 by 225 meters (2500 sq. meters). Cultural materials consist of 15-25 concentrations of fire-cracked rock, two scrapers, four bifaces, 14+ core/blanks, and approximately 65 pieces of debitage dispersed over a large ridge surrounded by badlands. This site is interpreted as a lithic processing area where selected cobbles were transported to the site, heat treated, broken, and selected for use as cores, blanks, and preforms. The vast majority of the artifacts and debris is heat treated. There is very little evidence of lithic reduction. Based on the potential for buried cultural materials this site is considered eligible to the NRHP. The site is situated 150 feet west of proposed Ute Tribal 2-26 well location.

Smithsonian Site No.: 42Un2658  
Temporary Site No.: MOAC 0023-1  
Legal Description: T 4S, R 1E, S. 25  
Well Location: Ute Tribal 7-25  
NRHP Evaluation: Eligible

Description: This is a prehistoric temporary camp of unknown temporal affiliation which reflects possible faunal procurement tasks. The site is situated on the rim of a canyon edge and mesa. Two deflated hearth features (Features 1 and 2) were found on the canyon edge and slope, and a third deflated hearth (Feature 3) occurs in a sand dune. The cultural material is limited to three cobble scrapers. Based on the potential for buried cultural material within the sandy portions of this site, this site is evaluated as eligible for inclusion in the NRHP. The site is located outside of proposed Ute Tribal 7-25, situated about 200 feet southeast of the well pad.

Smithsonian Site No.: 42Un2659  
Temporary Site No.: MOAC 0023-2  
Legal Description: T 4S, R 1E, S. 25  
Well Location: Ute Tribal 7-25  
NRHP Evaluation: Eligible

Description: This is a low density lithic scatter of unknown temporal affiliation situated in aeolian deposits on a north slope on Leland Bench. The lithic debitage consists of about 42 decortication and secondary flakes from white/red semi-translucent chert and brown/beige opaque siltstone. Diagnostic artifacts include two biface preforms (Tools 1 and 8), two cores (Tools 4 and 5), and four scrapers (Tools 2, 3, 6, and 7) suggesting this site was utilized for resource processing in addition to lithic reduction. No features were observed. This site is recommended as eligible to the NRHP based on its potential for additional cultural remains. It is located outside of proposed Ute Tribal 7-25 approximately 100 feet north of the well pad and on the south side of a knoll.

Smithsonian Site No.: 42Un2660  
Temporary Site No.: MOAC 0023-3  
Legal Description: T 4S, R 1E, S. 25  
Well Location: Ute Tribal 7-25  
NRHP Evaluation: Eligible

Description: This is a small prehistoric temporary camp of unknown temporal affiliation. It is situated on a gently sloping sandy area of Leland Bench, and measures 55 by 25 meters. Cultural materials consist of less than 25 pieces of chert and quartzite debitage and an oval chert scraper (Tool 1). A deflated hearth (Feature 1), represented by a 1 by 1 meter concentration of 12 to 15 oxidized cobbles and fire-broken rock occurs along the north side of the site. This site is recommended as eligible to the NRHP based on the potential for subsurface cultural materials which could provide significant data concerning the prehistory of the area. The site is located 150 feet north of the proposed access road into proposed Ute Tribal 7-25 well location.

Smithsonian Site No.: 42Un2661  
Temporary Site No.: MOAC 0023-4  
Legal Description: T 4S, R 1E, S. 25  
Well Location: Ute Tribal 11-25  
NRHP Evaluation: Eligible

Description: This is a prehistoric temporary camp of unknown temporal affiliation situated in a blowout within a sandy area and measuring 20 by 14 meters. This site contains three features consisting of concentrations of oxidized, fire-altered alluvial cobbles and fragments representing deflated hearths (Features 1, 2, and 3). No ash staining or charcoal was observed. A lithic cluster (1 by 0.5 meters) consisting of six primary flakes derived from a gray/pink quartzite, is located adjacent to the site datum. No other lithic debitage or tools were observed. The site is evaluated as eligible for inclusion in the NRHP, since it lies in a sand dune yielding potential for subsurface cultural remains. The site is located 100 feet south of proposed Ute Tribal 11-25 well location.

#### Isolated Find of Artifacts

Isolated Find A (IF-A) is located in the SE/NE/NW, S. 25, T 4S, R 1E (UTM Zone 12, 599530E / 4440547N). It consists of a hole-in-cap milk can with two punched holes in one end. It measures 4 6/16" by 2 15/16" with a 7/8" cap diameter.

## NATIONAL REGISTER OF HISTORIC PLACES EVALUATION

The National Register Criteria for Evaluation of Significance and procedures for nominating cultural resources to the National Register of Historic Places (NRHP) are outlined in 36 CFR 60.4 as follows:

The quality of significance in American history, architecture, archaeology, and culture is present in districts, sites, buildings, structures, and objects of State and local importance that possess integrity of location, design, setting, material, workmanship, feeling, and association, and that they:

a)...are associated with events that have made a significant contribution to the broad patterns of our history; or

b)...are associated with the lives of persons significant to our past; or

c)...embody the distinctive characteristics of a type, period, or method of construction; or that represents the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or

d)...have yielded or may be likely to yield information important in prehistory or history.

The cultural resource inventory resulted in the documentation of four newly recorded archaeological sites (42Un2658, 42Un2659, 42Un2660 and 42Un2661) and one newly recorded isolated find (IF-A). These sites are evaluated as eligible to the NRHP under Criterion (d) based on their potential for providing information relevant to the research domains of the area. Sites 42Un2658, 42Un2660 and 42Un2661 are classified as prehistoric temporary camps of unknown temporal affiliation. Activities conducted at these sites include possible faunal processing and lithic tool manufacturing. Diagnostic artifacts were limited to scrapers, with an absence of ground stone and hunting implements. All of these sites contain one or more burned rock features which lack surface indications of cultural deposits. Since the sites occur in aeolian deposits on Leland Bench they have good potential for yielding additional diagnostic artifacts and features. In addition, further investigations of the burned rock features could yield morphological, radiocarbon, and subsistence information. Site 42Un2659 is a lithic scatter containing chipped stone tools (bifaces, scrapers, and cores) as well as debitage. The site lies in aeolian soil with potential for additional cultural remains.

## MANAGEMENT RECOMMENDATIONS

The cultural resource inventory of Coastal Oil & Gas Corporation's seven Ute Tribal well locations resulted in the location or documentation of six prehistoric sites (42Un2349, 42Un2351, 42Un2658, 42Un2659, 42Un2660 and 42Un2661) which are considered eligible to the NRHP under Criterion (d). It is recommended that these archaeological sites be avoided from well location development. Based on this recommendation, a determination of "no historic properties affected" is proposed for the project pursuant to Section 106, CFR 800.

## REFERENCES CITED

- Barclay, D.  
1994a Snyder Oil Corporation's Ute #26-3-G Well Pad and Access, Uintah County, Utah. Metcalf Archaeological Consultants. Report No. U-94-MM-655i.
- 1994b Snyder Oil Corporation's Ute #25-3-L Well Pad and Access, Uintah County, Utah. Metcalf Archaeological Consultants. Report No. U-94-MM-655i.
- 1994c Snyder Oil Corporation's Ute #21-4-G Well Pad and Access, Uintah County, Utah. Metcalf Archaeological Consultants. Report No. U-94-MM-655i.
- 1994d Snyder Oil Corporation's Ute #26-4-I Well Pad and Access, Uintah County, Utah. Metcalf Archaeological Consultants. Report No. U-94-MM-655i.
- 1994e Snyder Oil Corporation's Ute #26-5-J Well Pad and Access, Uintah County, Utah. Metcalf Archaeological Consultants. Report No. U-94-MM-655i.
- 1994f Snyder Oil Corporation's Ute #26-5-J Well Pad and Access, Uintah County, Utah. Metcalf Archaeological Consultants. Report No. U-94-MM-655i.
- 1996 Snyder Oil Corporation's Proposed Leland Bench Natural Gas Pipeline Gathering System, Class III Cultural Resource Inventory, Uintah County, Utah. Metcalf Archaeological Consultants. Report No. U-96-MM-0469i.
- Burton, D.K.  
1996 *A History of Uintah County: Scratching the Surface*. Utah Centennial County History Series. Utah State Historical Society and Uintah County Commission.
- Connors, C.E.  
1991 Cultural Resource Inventory for Warren Am. Oil Company Ute Tribal #24-1 Well. Ms. Prepared by Grand River Institute. Report No. U-91-GB-102i.
- Callaway, D., J. Janetski, and O. C. Stewart  
1986 Ute. In *Great Basin*, edited by Warren L. D'Azevedo, pp. 336-367. Handbook of North American Indians, Volume II: Great Basin, edited by William C. Sturtevant, Smithsonian Institution, Washington.
- Hauck F.R.  
1986a Cultural Resource Evaluation of The Pleasant Valley Tribal Unit No. 26-1 Proposed Well Location in the Leland Bench Locality of Uintah County, Utah. Archeological-Environmental Research Corporation, Bountiful, Utah. Report No. U-86-AF-181i.

Hauck, F.R.

- 1986b Cultural Resource Evaluation of Access Route Into The Pleasant Valley Tribal Unit No. 26-1 Proposed Well Location in the Leland Bench Locality of Uintah County, Utah. Archeological-Environmental Research Corporation, Bountiful, Utah. Report No. U-86-AF-826i.
- 1987a Cultural Resource Evaluation of a Proposed Well Location in the Leland Bench Locality of Uintah County, Utah. Archeological-Environmental Research Corporation, Bountiful, Utah. Report No. U-87-AF-039i.
- 1987b Cultural Resource Evaluation of a Proposed Well Location and Access Route in the Leland Bench Locality of Uintah County, Utah. Archeological-Environmental Research Corporation, Bountiful, Utah. Report No. U-87-AF-709i.
- 1987c Cultural Resource Evaluation of Two Seismic Line Corridors in the Leland Bench - Pariette Draw Locality of Uintah County, Utah. Archeological-Environmental Research Corporation, Bountiful, Utah. Report No. U-87-AF-737ib.
- 1988a Cultural Resource Evaluation of Two Proposed Wells -- Ute Tribal Units No. 13-1 and 25-1 in the Leland Bench Locality of Uintah County, Utah. Archeological-Environmental Research Corporation, Bountiful, Utah. Report No. U-88-AF-272i.
- 1988b Cultural Resource Evaluation of Two Proposed Well --Ute Tribal Units No. 13-1 and 25-1 in the Leland Bench Locality of Uintah (Addendum), Utah. Archeological-Environmental Research Corporation, Bountiful, Utah. Report No. U-88-AF-272i.
- 1988c Final Report on Cultural Resource Evaluation of Proposed Well Ute Tribal Unit No. 25-1 in the Leland Bench Locality of Uintah County, Utah. Archeological-Environmental Research Corporation, Bountiful, Utah. Report No. UT-88-AF-272i.

Horn, J.C., A.D. Reed, and S.M. Chandler

- 1994 Grand Resource Area Class I Cultural Resource Inventory. Alpine Archaeological Consultants, Inc. Montrose. Bureau of Land Management, Moab, Utah.

Metcalf, M.D.

- 1995 Three Snyder Flowline Routes, Ute Tribal 21-4-G, 22-4-I and 26-3-G, Uintah County, Utah. Report No. U-95-MM-0525i.

- Marwitt, J.P.  
1970 Median Village and Fremont Culture Regional Variation. *University of Utah Anthropological Papers* No. 95. Salt Lake City.
- Reed, A.D.  
1988 Ute Cultural Chronology. In *Archaeology of the Eastern Ute: A Symposium* edited by Paul R. Nickens, pp 79-101. Colorado Council of Professional Archaeologists Occasional Papers No. 1. Denver.  
1994 The Numic Occupation of Western Colorado and Eastern Utah during the Prehistoric and Protohistoric Periods. In *Across the West: Human Population Movement and the Expansion of the Numa*, edited by D.B. Madsen and D. Rhode. University of Utah Press.
- Richens, L.D.  
1995 A Cultural Resource Inventory of Snyder Oil Corporation Well Pads and Access Roads on Leland Bench Uintah County, Utah. Ms. prepared by Brigham Young University. Report No. U-95-BC-175i.
- Senulis, J.A.  
1996 An Intensive Cultural Resource and Inventory of the Leland Bench 3D Seismic Project, Uintah County, Utah. Ms. prepared by Senco-Phenix. Report No. U-96-SC0454i.  
1997 An Intensive Cultural Resource and Inventory of Four Well Pads and Access Roads on the Leland Bench. Ms. prepared by Senco-Phenix. Report No. U-97-SC-307ip.  
1998 An Intensive Cultural Resource and Inventory of the Ute tribal #25-k Well Pad and Access Corridor, Uintah County, Utah. Ms. prepared by Senco-Phenix. Report No. U-98-SC-0021i.
- Smith, A.M.  
1974 *Ethnography of the Northern Utes*. Papers in Anthropology No. 17. Museum of New Mexico Press.
- Spangler, J.D.  
1995 Paradigms and Perspectives: A Class I Overview of Cultural Resources in the Uinta Basin and Tavaputs Plateau.
- Stokes, W.L.  
1986 *Geology of Utah*. Utah Museum of Natural History and Utah Geological and Mineral Survey, Salt Lake City.

## APPENDIX A: Site Location Data



APPENDIX B:

SITES 42Un2658, 42Un2659, 42Un2660 and 42Un2661  
INTERMOUNTAIN ANTIQUITIES COMPUTER SYSTEM (IMACS) SITE FORMS

On File At:

Utah Division of State History  
Salt Lake City, Utah

**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 04/10/2000

API NO. ASSIGNED: 43-047-33541

WELL NAME: UTE TRIBAL 4-25

OPERATOR: COASTAL OIL & GAS CORP ( N0230 )

CONTACT: CHERYL CAMERON

PHONE NUMBER: 435-781-7023

PROPOSED LOCATION:

NWNW 25 040S 010E

SURFACE: 0509 FNL 0594 FWL

BOTTOM: 0509 FNL 0594 FWL

UINTAH

WINDY RIDGE EAST ( 753 )

LEASE TYPE: 2-Indian

LEASE NUMBER: 14-20-H62-4823

SURFACE OWNER: 2-Indian

PROPOSED FORMATION: DGCRK

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Fed[] Ind[2] Sta[] Fee[]  
(No. U-605382-9 )  
N Potash (Y/N)  
N Oil Shale (Y/N) \*190 - 5 (B)  
☒ Water Permit  
(No. 43-8496 )  
N RDCC Review (Y/N)  
(Date: )  
N/A Fee Surf Agreement (Y/N)

LOCATION AND SITING:

     R649-2-3. Unit  
☒ R649-3-2. General  
Siting:                                   
     R649-3-3. Exception  
     Drilling Unit  
Board Cause No:                                   
Eff Date:                                   
Siting:                                   
     R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS: ① FEDERAL APPROVAL



Utah Oil Gas and Mining

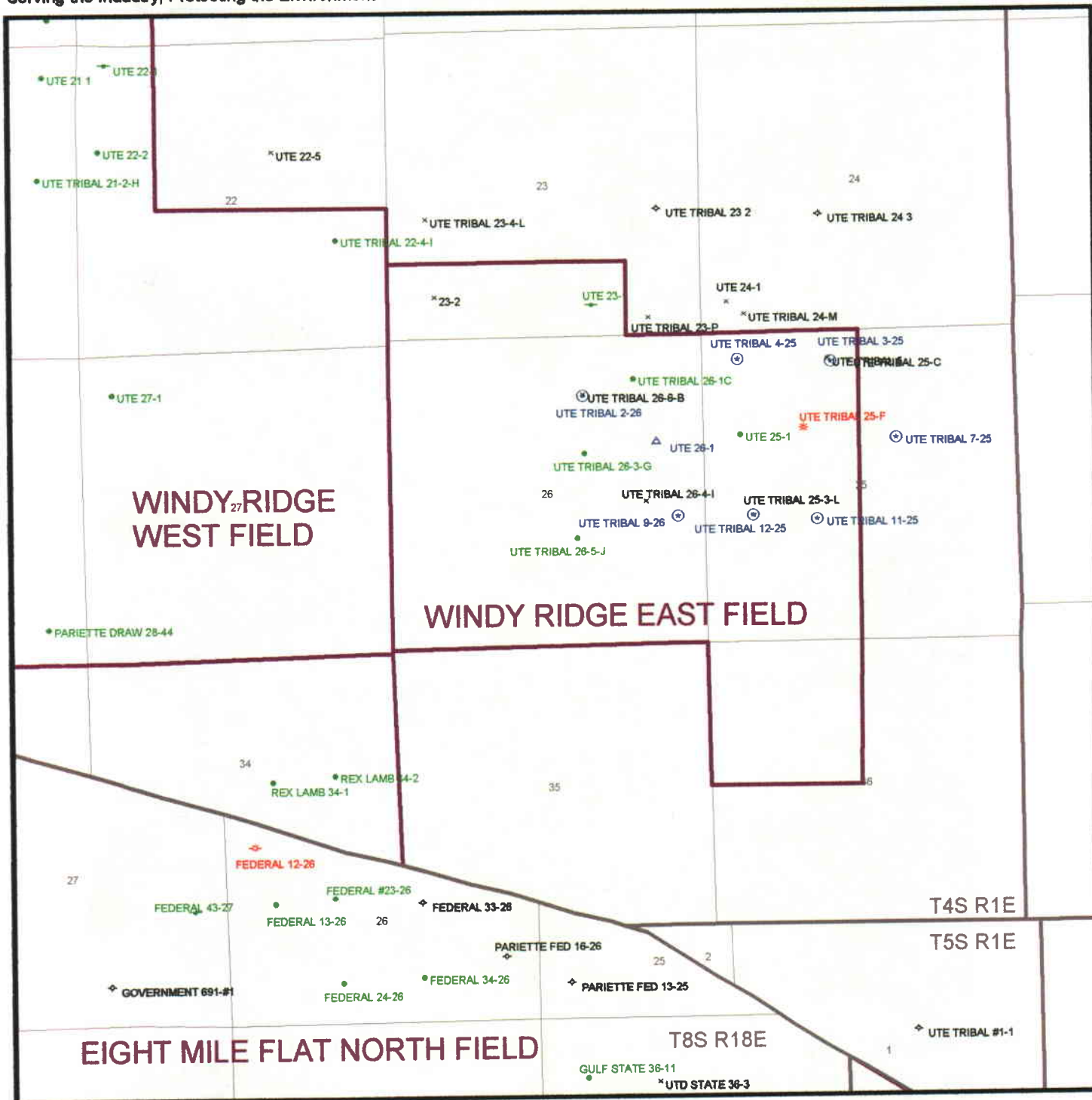
Serving the Industry, Protecting the Environment

OPERATOR: COASTAL OIL & GAS CORP (N0230)

FIELD: WINDY RIDGE EAST (753) & UNDESIGNATED (002)

S EC. 25 & 26, T 4 S, R 1 E,

COUNTY: UINTAH SPACING: STATE 40 ACRES



PREPARED  
DATE: 20-APR-2000



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

May 9, 2000

Coastal Oil & Gas Corporation  
PO Box 1148  
Vernal, UT 84078

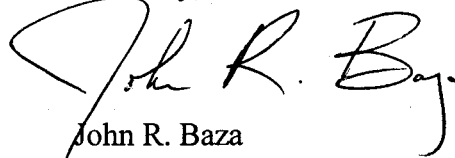
Re: Ute Tribal 4-25 Well, 509' FNL, 594' FWL, NW NW, Sec. 25, T. 4S, R. 1E,  
Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-33541.

Sincerely,



John R. Baza  
Associate Director

er

Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office

**Operator:** Coastal Oil & Gas Corporation

**Well Name & Number** Ute Tribal 4-25

**API Number:** 43-047-33541

**Lease:** 14-20-H62-4823

**Location:** NW NW Sec. 25 T. 4S R. 1E

### **Conditions of Approval**

**1. General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

**2. Notification Requirements**

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338
- Contact Robert Krueger at (801) 538-5274.

**3. Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

**4. State approval of this well does not supersede the required federal approval which must be obtained prior to drilling.**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0136  
Expires: November 30, 2000

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. 14-20-H62-4823	
1b. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name	
2. Name of Operator Coastal Oil & Gas Corporation		7. Unit or CA Agreement Name and No.	
3a. Address P.O. Box 1148, Vernal, UT 84078		8. Lease Name and Well No. Ute Tribal #4-25	
3b. Phone No. (include area code) (435) 781-7023		9. API Well No.	
4. Location of Well (Report location clearly and in accordance with any State requirements)* At surface 509' FNL & 594' FWL At proposed prod. zone		10. Field and Pool, or Exploratory Leland Bench	
14. Distance in miles and direction from nearest town or post office* 14.1 Miles Southeast of Ft. Duchesne, UT		11. Sec., T., R., M., or Blk. and Survey or Area NW/NW Sec. 25, T4S, R1E	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drg. unit line, if any) 509'		12. County or Parish Utah	
16. No. of Acres in lease 600		13. State UT	
17. Spacing Unit dedicated to this well 40		18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Refer to Topo C	
19. Proposed Depth 6700'		20. BLM/BIA Bond No. on file U-605382-9	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5068.6' GR		22. Approximate date work will start* Upon Approval	
		23. Estimated duration To Be Determined	

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- |   |  |
|---|--|
| 1. Well plat certified by a registered surveyor.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).    |
| 2. A Drilling Plan  | 5. Operator certification.   |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Cheryl Cameron	Date 4/4/00
-------------------	--	----------------

Title  
Environmental Analyst

Approved by (Signature) 	Name (Printed/Typed) EDWIN J. FORSMAN	Date 9/25/00
Title ACTING Assistant Field Manager Mineral Resources	Office	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on Reverse)

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

DIVISION OF  
OIL, GAS AND MINING

**CONDITIONS OF APPROVAL**  
**APPLICATION FOR PERMIT TO DRILL**

Company/Operator: Coastal Oil & Gas Corporation  
Well Name & Number: Ute Tribal 4-25  
API Number: 43-047-33541  
Lease Number: 14-20-H62-4823  
Location: NWNW Sec. 25 T. 04S R. 01E  
Agreement: N/A

**NOTIFICATION REQUIREMENTS**

- |                                 |   |  |
|---------------------------------|---|--|
| Location Construction           | - | at least forty-eight (48) hours prior to construction of location and access roads.  |
| Location Completion             | - | prior to moving on the drilling rig.   |
| Spud Notice                     | - | at least twenty-four (24) hours prior to spudding the well.  |
| Casing String and Cementing     | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings.  |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests.  |
| First Production                | - | within five (5) business days after new well begins, or Notice production resumes after well has been off production for more than ninety (90) days. |

RECEIVED

COG 01-10-07

DIVISION OF  
OIL, GAS AND MINING

## CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

### A. DRILLING PROGRAM

#### 1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

#### 2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **3M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

#### 3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone, identified at 673 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

RECEIVED

OCT 12 2010

DIVISION OF  
OIL, GAS AND MINING



4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

A cement bond log (CBL) will be run from the production casing shoe to the top of the cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

6. Notifications of Operations

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5(d) shall be submitted to the appropriate Field Office within 60 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (1).

RECEIVED

OCT 07 2011

DIVISION OF  
OIL, GAS AND LEASING

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted on initial meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

RECEIVED

OCT 6 2 1997

DIVISION OF  
OIL, GAS AND MINING

In the event after-hours approvals are necessary, please contact one of the following individuals:

Ed Forsman (435) 789-7077  
Petroleum Engineer

Jerry Kenczka (435) 781-1190  
Petroleum Engineer

BLM FAX Machine (435) 781-4410

RECEIVED

OCT 01 2003

DIVISION OF  
OIL, GAS AND MINING

## **EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES**

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids.

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

RECEIVED

OCT 02 2009

DIVISION OF  
OIL, GAS AND MINING

## **SURFACE CONDITIONS OF APPROVAL**

Sixty foot wide Rights-Of-Way (ROWs) corridor shall be granted for the following:

Access road and pipelines in corridor. Coastal will identify and provide maps of each additional pipeline upon construction. The Ute Tribe will be notified of each additional pipeline. Where no pipelines are present in the corridor the road Right of Way will be 30 feet wide. Where the pipelines do not follow the roads in the corridor the pipeline corridor Right of Way will be 30 feet wide.

Access roads which shall have constructed travel width limited to 18 feet, except as granted for sharp curves or intersections or where deep cuts are required for road construction. Culverts will be installed or extended where required and diversion ditches will be placed as needed to improve the proposed roads.

The Ute Tribe Energy and Mineral Department is to be notified 48 hours in writing in advance of any construction activity. A Tribal Technician is to routinely monitor construction. The Ute Tribal office days are Monday through Thursday. The Ute Tribe Energy and Minerals Department is to be notified in writing of any changes that are made to the original application and ROW. Approved changes will be provided in writing from the Ute Tribe.

Coastal will assure the Ute Tribe that any/all contractors and subcontractors have acquired a current 2000 Tribal Business License and have access permits prior to construction. They will have these permits in vehicles at all times.

Coastal employees and/or authorized personnel (subcontractors) in the field will have applicable APD's and/or ROW permits/authorizations on their person(s) during all phases of construction.

Coastal will implement "Safety and Emergency Plan" and Coastal will ensure its compliance.

All vehicular traffic, personnel movement, construction, and restoration activities shall be confined to the areas examined, as referenced in report, and to the existing roadways and/or evaluated access routes.

All personnel should refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.

The Ute Tribe Energy & Mineral Department shall be consulted if cultural remains (including paleontology fossils) from subsurface deposits are exposed or identified during construction or if the need arises to relocate or otherwise alter the location of the construction area. Prior to commencing constructing in the area where cultural resources are exposed the operator must obtain authorization from the BIA and the Ute Tribal Department of Cultural Rights and Protection.

Upon completion of the project approved under this Application for Permit to Drill and Right-of-way, the Ute Tribe Energy & Minerals Resources Department will be notified by Coastal Oil and Gas Company so that a Tribal Technician can verify Affidavit of Completion's.

RECEIVED

OCT 11 2001

DIVISION OF  
OIL, GAS AND MINING

Before the site is abandoned, the company will be required to restore the well site and ROWs to near their original state. The disturbed areas will be reseeded with desirable perennial vegetation.

Noxious weeds will be controlled on the well site and rights-of-way. If noxious weeds spread from the project area onto adjoining land, the company will also be responsible for their control.

Soil erosion will be mitigated by reseeding all disturbed areas.

Reserve pits will be lined with impervious synthetic liners. Prior to backfilling the reserve pit all fluids will be pumped from the pit into trucks and hauled to approved disposal sites. When the pits are backfilled, the surplus oil and mud etc. will be buried a minimum depth of 3.0 feet below the surface of the soil.

A closed production system will be used. Production fluids will be contained in leak proof tanks. Low profile tanks may be used to minimize problems with irrigation systems. All production fluids will be disposed of at approved disposal sites. Production water, oil, and other by-products will not be applied to roads or well pads for the control of dust or weeds. The indiscriminate dumping of production fluids on roads, well sites or other areas will not be allowed on Tribal Lands.

Surface pipelines will be constructed to lay on the soil surface, and the ROW for the pipeline will not be bladed or cleared of vegetation without site specific authorization from BIA.

Where surface pipelines do not parallel roads but cross country between stations. The line shall either be welded in place at a welding station located at the wellsite or on roads near the flowline right of way and then dragged into place with a suitable piece of equipment. If the flowline doesn't follow existing and proposed new access roads, then traffic shall be restricted along pipeline ROWs so that they will not be used as an access road.

Buried flowlines shall be a minimum of three feet below the surface. After the construction of the pipeline is completed the disturbed area of the ROW shall be contoured to blend into the natural landscape, and it shall be reseeded with desirable vegetation. Between September 15 and November 1 of the year following pipeline construction of the buried line all disturbed areas shall be reseeded with perennial vegetation according to BIA, or to Ute Tribe specifications.

Coastal employees, representatives, and subcontractors shall not carry firearms on their person or in their vehicles while working on the Uintah and Ouray Indian Reservation.

RECEIVED

OCT 11 1994

DIVISION OF  
OIL, GAS AND MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Coastal Oil & Gas Corporation

3a. Address

P.O. Box 1148, Vernal UT 84078

3b. Phone No. (include area code)

(435) 781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NW/NW Sec. 25, T4S, R1E  
509' FNL & 594' FWL

5. Lease Serial No.

14-20-H62-4823

6. If Indian, Allottee or Tribe Name

Ute

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Ute Tribal #4-25

9. API Well No.

43-047-33541

10. Field and Pool, or Exploratory Area

Leland Bench

11. County or Parish, State

Uintah UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☒ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Coastal Oil & Gas Corporation requests authorization to change TD from 6,700' to 10,500' in order to drill the Wasatch formation.

Please refer to the attached Drilling Program.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date:

01-11-01

By:

*[Signature]*

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Cheryl Cameron

Title

Sr. Regulatory Analyst

Date 1/5/01

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

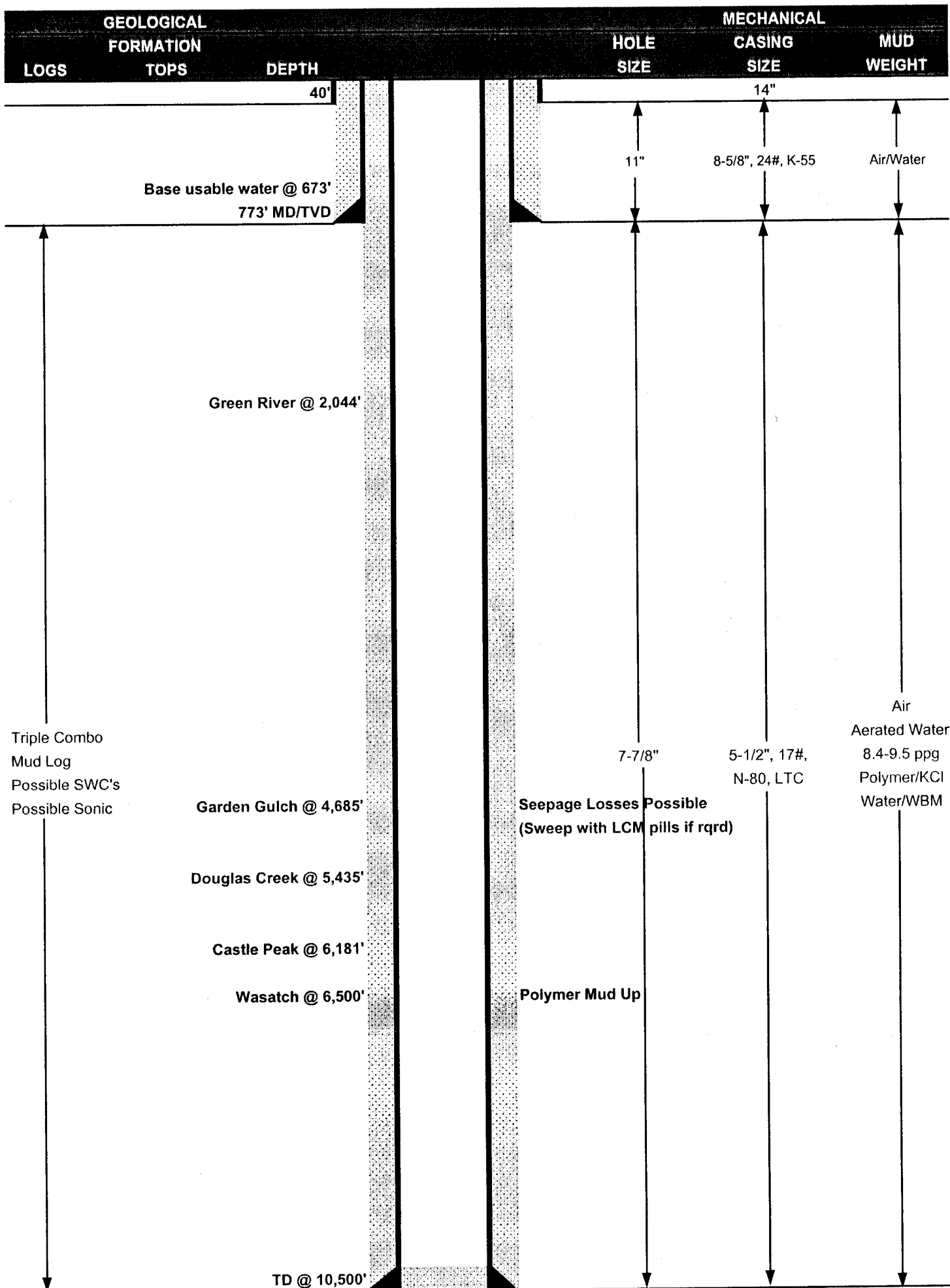
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# DRILLING PROGRAM

COMPANY NAME	Coastal Oil & Gas Corporation	DATE	1/4/01
WELL NAME	Ute Tribal #4-25	TD	10,500'
FIELD	Leland Bench	COUNTY	Uintah
		STATE	Utah
		ELEVATION	5,070' KB
SURFACE LOCATION	NWNW Section 25, T4S-R1E	BHL	Straight Hole
OBJECTIVE ZONE(S)	Green River, Wasatch		
ADDITIONAL INFO	Normally pressured to TD		





CASING PROGRAM

						DESIGN FACTORS		
	SIZE	INTERVAL	WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
SURFACE	8-5/8" (new)	0-773'	24#	K-55	STC	2950	1370	263000
						6.80	3.79	2.22
						7740	6290	348000
PRODUCTION*	5-1/2" (new)	0-TD	17.0#	N-80	LTC	2.09	1.21	1.25

- 1) Maximum Anticipated Surface Pressure (MASP) (Conductor and Surface Casings) = (Frac Gradient at Shoe - Gas Gradient (0.115 psi/ft))(TVD)
- 2) MASP (Int Casing) = Pore Pressure at Next Casing Point - (Gas Gradient x TVD of Next Casing Point x 0.67) - (Mud Weight x TVD x 0.052 x 0.33)
- 3) MASP (Prod Casing) = Pore Pressure - (Gas Gradient x TVD of Production Interval)
- (Burst Assumptions: FG @ 8-5/8" shoe = 13.0 ppg, Max Pore Pressure = 9.0 ppg EMW)
- (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing, 100,000 lbs overpull)

CEMENT PROGRAM

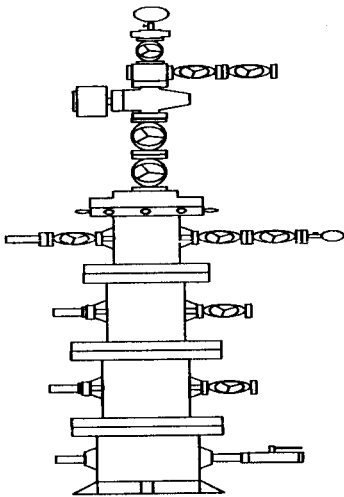
		FT. OF FILL	DESCRIPTION	SACKS	EXCESS*	WEIGHT	YIELD
SURFACE		773	Class G + 2% CaCl2 + 0.25 lb/sk Flocele	260	50%	15.6	1.19
PRODUCTION	LEAD	4000	Premium Lite II Cement + 5 lbs/sack BA-90 + 2% bwoc Calcium Chloride + 0.25 lbs/sack Cello Flake + 5 lbs/sack Kol Seal + 10% bwoc Bentonite + 1% bwoc Sodium Metasilicate + 2% bwoc EC-1	220	40%	10.5	4.25
	TAIL	6500	Premium Lite II High Strength + 3 lbs/sack Kol Seal + 3% bwow Potassium Chloride + 0.25 lbs/sack Cello Flake + 0.6% bwoc FL-52 + 0.5% bwoc Sodium Metasilicate	710	20%	13.0	1.93

\* Denotes percentage excess over caliper log on production string.

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, float collar. Thread lock FE up to and including pin end of FC. Centralize first 3 joints and every fourth joint to surface.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every other joint to top of pay (+/- 4,000') with bow spring centralizers.

WELLHEAD EQUIPMENT



TREE	
TUBING HEAD	11" 3M X 7-1/16" 5M
CASING SPOOL	
CASING SPOOL	
CASING HEAD	8-5/8" SOW X 11" 3M

BIT PROGRAM

INTERVAL	SIZE	BIT MFG & MODEL	IADC	GPI	NZLS	COMMENTS
Surface Hole	11"	Pre-set				
SC - Wasatch	7-7/8"	SEC - XS44	6.1.7	350-400	14-14-14	Possible mud motor if
			Air/Aerated Fluid Possible			fluid only
Wasatch	7-7/8"	RTC - HP53A, STC F3H	5.3.7	350-400	15-15-15	Mud Motor
		(Possible PDC)				

GEOLOGICAL DATA

LOGGING:

Depth	Log Type
SC - TD	Triple Combo

MUD LOGGER:	SC - TD
SAMPLES:	As per Geology
CORING:	Possible SWC's
DST:	NA

MUD PROGRAM

DEPTH	TYPE	MUD WT	WATER LOSS	VISCOSITY	TREATMENT
Surface	Pre-set				
SC-Wasatch	Air/Aerated Water or KCl/Polymer Water	NA 8.4-9.0	NA NC	NA 26-30	Foamer, Polymer, KCl Gyp, Lime, Polymer, KCl, LCM
Wasatch-TD	Polymer WBM	9.0-9.5	NC-<15 cc's	30-40	Gyp, Lime, Polymer, KCl, LCM

ADDITIONAL INFORMATION

Drill the well with air/aerated water or just water treated with polymer to clean the hole as well for inhibition. Add KCl if required for additional inhibition & add lime for H2S. Mud up only if hole conditions deteriorate. Sweep hole with polymer as required. Drill the Wasatch with a polymer WBM.

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out. BOPE: 11" 3M with 2 rams & annular. Test to 3,000 psi (annular to 1,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves. Run Totco survey every 500' from surface casing shoe to TD. Maximum allowable hole angle is 5 degrees.

PROJECT ENGINEER:	_____
	Blaine Yeary
PROJECT MANAGER:	_____
	Darrell Molnar

DATE:	_____
DATE:	_____

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No.

14-20-H62-4823

6. If Indian, Allottee or Tribe Name

Ute

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.

Ute Tribal #4-25

9. API Well No.

43-047-33541

10. Field and Pool, or Exploratory Area

Leland Bench

11. County or Parish, State

Uintah Utah

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Coastal Oil & Gas Corporation

3a. Address

P.O. Box 1148, Vernal UT 84078

3b. Phone No. (include area code)

(435) 781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NW/NW Sec.25, T4S, R1E  
509' FNL & 594' FWL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other SPUD

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zone. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 day following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

SPUD well @ 11:00 a.m. w/Bill Martin Rathole Drilling 1/30/01

Drilled 795' of 12 1/4" hole.

RIH w/792' 24# 8 5/8" J-55 Csg.

Pumped 30 Bbl H2O, 20 Bbl Gel. Pump 435 SK Prem Plus Cmt w/2% CaCl2, 1/8#/SK Poly mixed @ 15.6#/gal 1.18 cu/ft. Displace 47.7 Bbl. Bump plug. 17 Bbl Cmt to pit.

RECEIVED

FEB 12 2001

DIVISION OF  
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Cheryl Cameron

Title

Senior Regulatory Analyst

Date 2/2/01

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM - FORM 6

OPERATOR Coastal Oil & Gas Corporation  
ADDRESS P.O. Box 1148  
Vernal UT 84078

OPERATOR ACCT. NO. N N0230

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	13041	43-047-33541	Ute Tribal #4-25	NW/NW	25	4S	1E	Uintah	1/30/01	1/30/01
WELL 1 COMMENTS: 2-12-01 SPUD well @ 11:00 a.m. 1/30/01 w/ Bill Martin Rathole Drilling											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

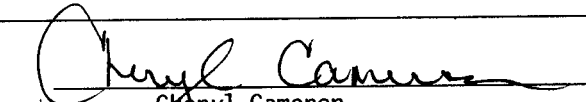
- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED

FEB 12 2001

DIVISION OF  
OIL GAS AND MINING

  
Signature Cheryl Cameron  
Senior Regulatory Analyst 2/2/01  
Title \_\_\_\_\_ Date \_\_\_\_\_  
Phone No. (435) 781-7023

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or reenter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE – Other instructions on reverse side**

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**Coastal Oil & Gas Corporation**

3a. Address

**P.O. Box 1148 Vernal, UT 84078**

3b. Phone No. (include area code)

**(435) 781-7023**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**NW/NW 509' FNL & 594' FWL  
Section 25 - T4S - R1E**

5. Lease Serial No.

**14-20-H62-4909**

6. If Indian, Allottee or Tribe Name

**UTE**

7. If Unit or CA/Agreement, Name and/or No.

**N/A**

8. Well Name and No.

**Ute Tribal 4-25**

9. API Well No.

**43-047-33541**

10. Field and Pool, or Exploratory Area

**Leland Bench**

11. County or Parish, State

**Utah, UT**

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>Drilling</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>Summary</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

**Drilled from 795' to 6720' RIH w/6723' 5.5" N-80 15.5# csg**

**LEAD - 525 sx Hilift G + 12%DO20, 3%DO44 (BWOC), 1% DO79, .75% D112, .2%DO46, 1/8 #/sk D130, 11ppg, 3.83 yeild, 24.5 GPS**

**TAIL - 800 sx 50/50 POZ + 2%DO20, 2% D174, .25%DO85, .2% DO46, 14.3 ppg, 1.27 yeild, 5.8 GPS**

**Displace w/159 BBLS H2O, lost returns 144 BBLS into displacement. Plug down - float held.**

**Clean pits. Released rig @12:30am 02/13/01**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**Cheryl Cameron**

Title

**Senior Regulatory Analyst**

Date

**February 14, 2001**

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-4  
(August 1999)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB No. 1004-0137  
Expires November 30, 2000

1a. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other						5. Lease Serial No. <b>14-20-H62-4909</b>			
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Workover <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____						6. If Indian, Allottee or Tribe Name <b>UTE</b>			
2. Name of Operator <b>COASTAL OIL &amp; GAS CORPORATION</b>						7. Unit or CA Agreement Name and No.			
3. Address <b>P.O. BOX 1148 VERNAL, UT 84078</b>				3a. Phone No. (include area code) <b>TEL: 435.781.7023 EXT:</b>		8. Lease Name and Well No. <b>UTE TRIBAL #4-25</b>			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface <b>NWNW 509FNL 594FWL</b>						9. API Well No. <b>4304733541</b>			
At top prod. interval reported below						10. Field and Pool, or Exploratory <b>LELAND BENCH</b>			
At total depth						11. Sec., T., R., M., on Block and Survey or Area <b>Sec 25 T4S R1E UTE</b>			
14. Date Spudded <b>1/30/01</b>		15. Date T.D. Reached <b>2/12/01</b>		16. Date Completed <b>3/1/01</b> <input type="checkbox"/> D & A <input type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* <b>5068 GL</b>			
18. Total Depth: MD <b>6720</b> TVD		19. Plug Back T.D.: MD <b>6677</b> TVD		20. Depth Bridge Plug Set: MD TVD					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>CBL/CCL/GR DLMF-1" + 3" - 2-15-01 SJD/S.V. - 2-15-01</b>						22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)			
23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt.(#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.25	8.625 N-80	24		792		435			
7.875	5.5 N-80	15.5		6723		1125			
24. Tubing Record									
Size	Depth Set(MD)	Packer Depth(MD)	Size	Depth Set(MD)	Packer Depth(MD)	Size	Depth Set(MD)	Packer Depth(MD)	
2.875	6503								
25. Producing Intervals					26. Perforation Record				
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) WASATCH	5425	6285	5425 To 6285		148				
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval		Amount and Type of Material							
5425 To 5432		FRAC W/32850 16/30 OTTOWA SD 453 BBLS YF125LG							
5915 To 5995		FRAC W/84315 16/30 OTTOWA SD 1106 BBLS YF125LG							
6101 To 6111		FRAC PMP 32392 16/30 SD 1090 BBLS YF125LG							
6285 To 6388		FRAC W/58904 16/30SD 760 BBLS YF 125LG							
6476 To 6482		FRAC 36334 16/30 OTTOWA PMP 510 BBLS YF125LG							
28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
3/1/01	3/2/01	24	→	89	54	259			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	75	75	→	89	54	259		PRODUCING OIL WELL	
28a. Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #3274 VERIFIED BY THE BLM WELL INFORMATION SYSTEM FOR COASTAL OIL &amp; GAS CORPORATION SENT TO THE VERNAL FIELD OFFICE

28b. Production - Interval C									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc. )

**SOLD**

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Description, Contents, etc.	Name	Top
					Meas. Depth
GREEN RIVER WASATCH	2088 6596	6596			

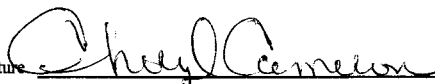
32. Additional remarks (include plugging procedure):

PERF 6476'-6482' 36 HOLES FRAC PMP W/16/30 OTTOWA SD PMP 510 BBLS YF125LG 36334# 16/30 SD.  
 PERF 6384'-6338' 16 HOLES, 6285'-6291' 24 HOLES FRAC W/58904 16/30 SD 760 BBLS YF125LG.  
 PERF 6101'-6111' 40 HOLES, FRAC W/32392# 16/30 SD 1090 BBLS YF125LG  
 PERF 5989'-5995' 24 HOLES, 5915'-5923' 32 HOLES PMP SD FRAC W/84315# 16/30 OTTOWA SD 1106 BBLS YF125LG  
 PERF 5425'-5432' PMP SD FRAC W/32850# 16/30 OTTOWA SD 453 BBLS YF125LG.

33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7. Other:     |                       |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Name (please print) Cheryl Cameron Title Sr. Regulatory AnalystSignature  Date 3/29/01

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**ELECTRONIC SUBMISSION #3274 VERIFIED BY THE BLM WELL INFORMATION SYSTEM FOR COASTAL OIL & GAS CORPORATION SENT TO THE VERNAL FIELD OFFICE**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:

El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR:

8 South 1200 East CITY Vernal STATE Utah ZIP 84078

PHONE NUMBER:

435-789-4433

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

Exhibit "A"

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

COUNTY:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT  
(Submit in Duplicate)

Approximate date work will start:

☐ SUBSEQUENT REPORT  
(Submit Original Form Only)

Date of work completion:

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☒ OTHER: Name Change

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation

NAME (PLEASE PRINT)

John T. Elzner

TITLE

Vice President

SIGNATURE

DATE

06-15-01

El Paso Production Oil & Gas Company

NAME (PLEASE PRINT)

John T. Elzner

TITLE

Vice President

SIGNATURE

DATE

06-15-01

(This space for State use only)

RECEIVED

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING



State of Delaware  
Office of the Secretary of State

---

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

JUN 4 2001

DIVISION OF  
OIL, GAS AND MINING



*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

CERTIFICATE OF AMENDMENT  
OF  
CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:


"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION



David L. Siddall  
Vice President

Attest:

  
(Margaret E. Roark, Assistant Secretary)

**RECEIVED**

STATE OF DELAWARE  
SECRETARY OF STATE  
DIVISION OF CORPORATIONS  
FILED 11:00 AM 03/09/2001  
010118394 - 0610204

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

**RECEIVED**

JUL 12 2001

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:  
3106  
UTSL-065841  
(UT-924)

JUL 10 2001

### NOTICE

El Paso Production Oil & Gas Company : Oil and Gas  
Nine Greenway Plaza :  
Houston TX 77046-0095 :

#### Name Change Recognized

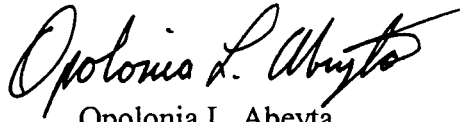
Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

For our purposes, the name change is recognized effective March 9, 2001.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Coastal Oil & Gas Corporation to El Paso Production Oil & Gas Company. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Wyoming and Colorado.



Opolonia L. Abeyta  
Acting Chief, Branch of  
Minerals Adjudication

Enclosure

1. Exhibit of Leases (1 pp)

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
~~State of Utah, DOGM~~, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)



United States Department of the Interior  
BUREAU OF INDIAN AFFAIRS

Uintah and Ouray Agency  
P. O. Box 130  
988 South 7500 East  
Fort Duchesne, Utah 84026-0130  
Phone: (435) 722-4300 Fax: (435) 722-2323

IN REPLY REFER TO:  
Minerals and Mining  
Phone: (435) 722-4310  
Fax: (435) 722-2809

August 16, 2001

El Paso Production Company  
Attn: Elizabeth R. Williams  
Nine Greenway Plaza  
Houston, TX 77046-0995

Dear Mrs. Williams:

We are in receipt of the corporate documentation for the name change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company.

All documents appear to be in order, and the approval is hereby authorized to change all records, including change of operator of certain oil and gas wells, Rights-of-Way, Communitization Agreements, Oil and Gas Leases, Exploration and Development Agreements, etc. from Coastal Oil & Gas Corporation to "El Paso Production Oil and Gas Company".

Approval of this name change is August 16, 2001, but effective on March 9, 2001. If you have any questions, please do not hesitate to contact this office.

Respectfully,

Acting Superintendent

RECEIVED

AUG 22 2001

DIVISION OF  
OIL, GAS AND MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. 14-20-H62-4904
2. Name of Operator EL PASO PRODUCTION		6. If Indian, Allottee or Tribe Name UTE
Contact: CHERYL CAMERON E-Mail: Cheryl.Cameron@CoastalCorp.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address P.O. BOX 1148 VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 435.781.7023 Fx: 435.789.4436	8. Well Name and No. UTE TRIBAL 4-25
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 25 T4S R1E Mer NWNW 509FNL 594FWL		9. API Well No. 43-047-33541
		10. Field and Pool, or Exploratory LELAND BENCH
		11. County or Parish, and State UINTAH COUNTY, UT


12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Any produced water from the subject well will be contained in a water tank and will be hauled by truck to one of the pre-approved disposal sites: RNI, Sec.5, T9S, R22E, NBU #159, Sec.35, T9S, R21E, Ace Oilfield, Sec.2, T6S, R20E, MC&MC, Sec.12, T6S, R19E.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #6643 verified by the BLM Well Information System For EL PASO PRODUCTION, sent to the Vernal</b>	
Name (Printed/Typed) CHERYL CAMERON	Title OPERATIONS
Signature 	Date 08/22/2001

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH		4-KAS
2. CDW ✓		5-LP ✓
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

**X** MergerThe operator of the well(s) listed below has changed, effective: **3-09-2001**

<b>FROM: (Old Operator):</b>
COASTAL OIL & GAS CORPORATION
Address: 9 GREENWAY PLAZA STE 2721
HOUSTON, TX 77046-0995
Phone: 1-(713)-418-4635
Account N0230

<b>TO: ( New Operator):</b>
EL PASO PRODUCTION OIL & GAS COMPANY
Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
HOUSTON, TX 77046-0995
Phone: 1-(832)-676-4721
Account N1845

CA No.

Unit:

## WELL(S)

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
SHELL UTE TRIBAL 1-08A1E	43-047-30173	1846	08-01S-01E	INDIAN	OW	P
UTE TRIBAL 3-25	43-047-33540	99999	25-04S-01E	INDIAN	OW	APD
<del>UTE TRIBAL 4-25</del>	43-047-33541	13041	25-04S-01E	INDIAN	OW	P
UTE TRIBAL 7-25	43-047-33542	12999	25-04S-01E	INDIAN	OW	P
UTE TRIBAL 11-25	43-047-33551	12989	25-04S-01E	INDIAN	OW	P
UTE TRIBAL 12-25	43-047-33544	12990	25-04S-01E	INDIAN	OW	P
UTE 27-1	43-047-31942	11221	27-04S-01E	INDIAN	OW	P
UTE TRIBAL 3-36	43-047-33867	99999	36-04S-01E	INDIAN	OW	APD
WYASKET 33 26 (CR-172)	43-047-30907	170	33-08S-20E	INDIAN	GW	P
WYASKET 33-105	43-047-33408	99999	33-08S-20E	INDIAN	GW	APD
WYASKET 33-106 (CR-172)	43-047-33409	99999	33-08S-20E	INDIAN	GW	APD
IGNACIO 33-107	43-047-33674	13270	33-08S-20E	INDIAN	GW	DRL
TABBEE 34 20 (9C-207)	43-047-30734	115	34-08S-20E	INDIAN	GW	S
D M ICE FRIDAY 34 22 (9C-207)	43-047-30753	125	34-08S-20E	INDIAN	GW	S
TABBEE 34-108 (9C-207)	43-047-33410	12684	34-08S-20E	INDIAN	GW	P
TABBEE 34-109 (9C-208)	43-047-33411	13017	34-08S-20E	INDIAN	GW	P
TABBEE 34-110 (9C-208)	43-047-33412	99999	34-08S-20E	INDIAN	GW	APD
UTE TRIBAL 35 16 (9C-184)	43-047-30666	140	35-08S-20E	INDIAN	GW	P
UTE TRIBAL 35-111 (9C-184)	43-047-33394	99999	35-08S-20E	INDIAN	GW	APD
UTE TRIBAL 35-112 (9C-184)	43-047-33395	99999	35-08S-20E	INDIAN	GW	APD

## OPERATOR CHANGES DOCUMENTATION

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
4. Is the new operator registered in the State of Utah: YES Business Number: 608186-0143

5. If **NO**, the operator was contacted contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 08/16/2001
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 07/10/2001
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: 08/16/2001
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

---

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 08/30/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 08/30/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

---

**STATE BOND VERIFICATION:**

1. State well(s) covered by Bond No.: N/A

---

**FEDERAL BOND VERIFICATION:**

1. Federal well(s) covered by Bond No.: N/A

---

**INDIAN BOND VERIFICATION:**

1. Indian well(s) covered by Bond No.: 103601473

---

**FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond No: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: \_\_\_\_\_

---

**FILMING:**

1. All attachments to this form have been **MICROFILMED** on: \_\_\_\_\_

---

**FILING:**

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: \_\_\_\_\_

---

**COMMENTS:** Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".

---

---

---

---



Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ

2. CDW

Change of Operator (Well Sold)

**X Operator Name Change**

The operator of the well(s) listed below has changed, effective:

7/1/2006

**FROM: (Old Operator):**

N1845-El Paso Production O&G Company

1001 Louisiana Street

Houston, TX 77002

Phone: 1 (713) 420-2300

**TO: ( New Operator):**

N3065-El Paso E&P Company, LP

1001 Louisiana Street

Houston, TX 77002

Phone: 1 (713) 420-2131

**CA No.**

**Unit:**

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 7/5/2006
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 7/5/2006
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/30/2006
4. Is the new operator registered in the State of Utah: YES Business Number: 2114377-0181
5. If **NO**, the operator was contacted on: \_\_\_\_\_
- 6a. (R649-9-2) Waste Management Plan has been received on: \_\_\_\_\_ requested 7/18/06
- 6b. Inspections of LA PA state/fee well sites complete on: ok
- 6c. Reports current for Production/Disposition & Sundries on: \_\_\_\_\_
7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA not yet
8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: not yet
9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 7/14/2006

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 7/19/2006
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 7/19/2006
3. Bond information entered in RBDMS on: 7/19/2006
4. Fee/State wells attached to bond in RBDMS on: 7/19/2006
5. Injection Projects to new operator in RBDMS on: 7/19/2006
6. Receipt of Acceptance of Drilling Procedures for APD/New on: 7/5/2006

**BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: 103601420
2. Indian well(s) covered by Bond Number: 103601473
3. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 400JU0708
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a applicable wells moved
- The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

4. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 7/20/2006

**COMMENTS:**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: MULTIPLE LEASES
2. NAME OF OPERATOR: EL PASO PRODUCTION OIL AND GAS COMPANY N1845		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1339 EL SEGUNDO AVE NE ALBUQUERQUE NM 87113		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (505) 344-9380		8. WELL NAME and NUMBER: SEE ATTACHED
4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE ATTACHED		9. API NUMBER:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT: SEE ATTACHED
COUNTY: UINTAH & DUCHESNE		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____  <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input checked="" type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: <u>CHANGE OF OPERATOR</u>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PLEASE BE ADVISED THAT EL PASO PRODUCTION OIL AND GAS COMPANY (CURRENT OPERATOR) HAS TRANSFERRED ITS OPERATORSHIP TO EL PASO E&P COMPANY, L.P. (NEW OPERATOR) EFFECTIVE ~~JUNE 30~~ July 1, 2006 AND THAT EL PASO E&P COMPANY, L.P. IS CONSIDERED TO BE THE NEW OPERATOR OF THE ATTACHED WELL LOCATIONS.

EL PASO E&P COMPANY, L.P. IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASED LANDS. BOND COVERAGE IS PROVIDED BY THE STATE OF UTAH STATEWIDE BLANKET BOND NO. 400JU0705, BUREAU OF LAND MANAGEMENT NATIONWIDE BOND NO. 103601420, AND BUREAU OF INDIAN AFFAIRS NATIONWIDE BOND NO. 103601473.

El Paso E & P Company, L. P. N3065  
1001 Louisiana  
Houston, TX 77002

William M. Griffin  
William M. Griffin, Sr. Vice President

NAME (PLEASE PRINT) CHERYL CAMERON	TITLE AUTHORIZED REGULATORY AGENT
SIGNATURE <u>Cheryl Cameron</u>	DATE 6/20/2006

(This space for State use only)

APPROVED 7/19/06  
Earlene Russell  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

(5/2000)

(See Instructions on Reverse Side)

RECEIVED  
JUL 05 2006  
DIV. OF OIL, GAS & MINING

Form 3160-5  
(February 2005)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## SUNDRY NOTICES AND REPORTS ON WELLS

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

5. Lease Serial No.

14-20-H62-4904

6. If Indian, Allottee or Tribe Name

UTE

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

UTE TRIBAL 4-25

9. API Well No.

43-047-33541

10. Field and Pool, or Exploratory Area  
WINDY RIDGE

11. County or Parish, State

UINTAH COUNTY, UT

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

EL PASO E&amp;P COMPANY, LP

3a. Address

1099 18TH ST, STE 1900, DENVER, CO 80202

3b. Phone No. (include area code)

303-291-6400

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEC 25, T4S-R1E, NWNW, 509' FNL, 594' FWL

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

OPERATOR CLEANED AND ACIDIZED THE SUBJECT WELL ON 10/14/2006 AS FOLLOWS:

PUMPED 120 BBLs HOT 2%. P-TEST TBG TO 1000 PSL GOOD. POOH W/ RODS. MU AND RIH W/ 4 3/4" MILL. ROLL HOLE W/ 150 BBLs 2% KCL. TOOHH TO 5419'. SPOT 220 GAL 15% HCL ACID TO END OF TBG. SHUT CSG VALVE & DISPLACE ACID TO BTM PERF @ 6382' @ 2 BPM, 850 PSL TOOHH W/ TBG & MILL. TIH W/ 2 7/8" TBG. SET TAC @ 6306' IN 15000# TENSION. EOT @ 6462'. RIH W/ RHAC PUMP, 3/4" RODS AND 7/8" RODS. STROKE TEST TB TO 700 PSL. WELL RETURNED TO PRODUCTION 10/18/2006.

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

JENNIFER T. BECHTEL

Title ASSOCIATE ANALYST

Signature

Date

10/28/2006

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED

OCT 30 2006

DIV. OF OIL, GAS &amp; MINING



E&P COMPANY, LP  
1099 18<sup>th</sup> Street, Suite 1900  
Denver, Colorado 80202  
Phone: 303/291-6446  
Fax: 303/291-6483  
Email: [jennifer.bechtel@elpaso.com](mailto:jennifer.bechtel@elpaso.com)

# Fax

<b>To:</b>	DOGM	<b>From:</b>	Jennifer Bechtel Associate Analyst
<b>Fax:</b>	801-359-3940	<b>Pages:</b>	5 (inc. cover)
<b>Phone:</b>	801-538-5340	<b>Date:</b>	October 30, 2006
<b>Re:</b>	Sundries		

☒ **Urgent**    ☐ **For Review**    ☐ **Please Comment**    ☐ **Please Reply**    ☐ **Please Recycle**

● **Confidential:** The information contained in this communication is confidential and proprietary information intended only for the individual or entity to whom it is addressed. Any unauthorized use, distribution, copying, or disclosure of this communication is strictly prohibited. If you have received this communication in error, please contact the sender immediately. If you believe this communication is inappropriate or offensive, please contact El Paso Production Company at (303) 293-9999.

The originals will follow by US Mail.

RECEIVED  
OCT 30 2006  
DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator **EL PASO E&P COMPANY, LP**

3a. Address  
**1099 18TH ST, STE 1900, DENVER, CO 80202**

3b. Phone No. (include area code)  
**303-291-6400**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SEC 25, T4S-R1E, NWNW, 509' FNL, 594' FWL**

5. Lease Serial No.

**14-20-H62-4904**

6. If Indian, Allottee or Tribe Name

**UTE**

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

**UTE TRIBAL 4-25**

9. API Well No.

**43-047-33541**

10. Field and Pool, or Exploratory Area

**WINDY RIDGE**

11. County or Parish, State

**UINTAH COUNTY, UT**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

**OPERATOR CLEANED AND ACIDIZED THE SUBJECT WELL ON 10/14/2006 AS FOLLOWS:**

**PUMPED 120 BBLS HOT 2%. P-TEST TBG TO 1000 PSI. GOOD. POOH W/ RODS. MU AND RIH W/ 4 3/4" MILL. ROLL HOLE W/ 150 BBLS 2% KCL. TOOH TO 5419'. SPOT 220 GAL 15% HCL ACID TO END OF TBG. SHUT CSG VALVE & DISPLACE ACID TO BTM PERF @ 6582' @ 2 BPM, 850 PSI. TOOH W/ TBG & MILL. TIH W/ 2 7/8" TBG. SET TAC @ 6306' IN 15000# TENSION. EOT @ 6462'. RIH W/ RHAC PUMP, 3/4" RODS AND 7/8" RODS. STROKE TEST TB TO 700 PSI. WELL RETURNED TO PRODUCTION 10/18/2006.**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**JENNIFER T. BECHTEL**

Title **ASSOCIATE ANALYST**

Signature

*Jennifer T. Bechtel*

Date

**10/28/2006**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**NOV 01 2006**

**DIV. OF OIL, GAS & MINING**

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ
2. CDW

**X - Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**3/1/2008**

<b>FROM:</b> (Old Operator): N3065-El Paso E&P Company, LP 1099 18th St, Suite 1900 Denver, CO 80202  Phone: 1 (303) 291-6400	<b>TO:</b> ( New Operator): N3460-Finley Resources, Inc. 1308 Lake St, Suite 200 Fort Worth, TX 76102  Phone: 1 (817) 231-8729
--	---

CA No.				Unit:				
WELL NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on 3/10/2008
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 3/10/2008
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 4/28/2008
- a. Is the new operator registered in the State of Utah: yes Business Number: 6911056-0143
- b. If **NO**, the operator was contacted on: \_\_\_\_\_
- a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- b. Inspections of LA PA state/fee well sites complete on: n/a
- c. Reports current for Production/Disposition & Sundries on: \_\_\_\_\_
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM n/a BIA not yet
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: not yet
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 3/13/2008

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 4/28/2008
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 4/28/2008
- Bond information entered in RBDMS on: n/a
- Fee/State wells attached to bond in RBDMS on: n/a
- Injection Projects to new operator in RBDMS on: \_\_\_\_\_
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: n/a
  - Indian well(s) covered by Bond Number: RLB0011263
  - a. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number n/a
  - b. The **FORMER** operator has requested a release of liability from their bond on: n/a
- The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: EL PASO E&P COMPANY, L.P. <i>N3065</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1099 18TH ST, STE 1900 <i>CITY</i> DENVER <i>STATE</i> CO <i>ZIP</i> 80202		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (303) 291-6400		8. WELL NAME and NUMBER: Various Leases
4. LOCATION OF WELL FOOTAGES AT SURFACE:		9. API NUMBER: Attached (2 lists)
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT:
COUNTY: Uintah		
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PLEASE BE ADVISED THAT AS A RESULT OF SALE, EL PASO E&P COMPANY, L.P. WILL BE TRANSFERRING OPERATORSHIP OF THE ATTACHED REFERENCED WELLS TO FINLEY RESOURCES INC. THE EFFECTIVE DATE OF CHANGE OF OPERATORSHIP WILL BE MARCH 1, 2008.

FINLEY RESOURCES INC *N3460*  
1308 LAKE ST. STE 200  
FORT WORTH, TX 76102

COMPANY BOND NUMBER: *RLB 0011263*

NAME: FINLEY RESOURCES INC.

TITLE BY: BRENT D TALBOT, PRESIDENT (FINLEY)

SIGNATURE: *B D Talbot*  
DATE: *2-28-2008*

NAME (PLEASE PRINT) <i>El Paso E&amp;P Company, L.P.</i>	TITLE <i>Thomas M. Hart, Sr. Vice President</i>
SIGNATURE <i>[Signature]</i>	DATE <i>2/28/2008</i>

(This space for State use only)

APPROVED *4128108*  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED

MAR 10 2008

DIV. OF OIL, GAS & MINING

El Paso to Finley Resources  
Leland Bench Field (sorted by unit and API #)

well_name	sec	twp	rng	api	entity	l_type	well	stat	unit_name	qtr_qtr	l_num
UTE 21 1	21	040S	010E	4304731821	10818	Indian	OW	P		NENE	14-20-H62-4900
UTE 13-1 C	13	040S	010E	4304731846	10931	Indian	OW	P		NENE	14-20-H62-4896
UTE TRIBAL 16-1	16	040S	010E	4304731933	11219	Indian	OW	S		SESE	14-20-H62-4899
UTE TRIBAL 27-1	27	040S	010E	4304731942	11221	Indian	OW	P		NWNW	14-20-H62-4906
UTE TRIBAL 22-2	22	040S	010E	4304732097	11343	Indian	OW	S		SWNW	14-20-H62-4901
UTE TRIBAL 21-2-H	21	040S	010E	4304732570	11725	Indian	OW	P		SENE	14-20-H62-4900
UTE TRIBAL 21-3-B	21	040S	010E	4304732571	11770	Indian	OW	P		NWNE	14-20-H62-4900
UTE TRIBAL 22-4-I	22	040S	010E	4304732572	11748	Indian	OW	P		NESE	14-20-H62-4901
UTE TRIBAL 21-4-G	21	040S	010E	4304732664	11766	Indian	OW	S		SWNE	14-20-H62-4900
UTE TRIBAL 4-25	25	040S	010E	4304733541	13041	Indian	OW	P		NWNW	14-20-H62-4904
UTE TRIBAL 7-25	25	040S	010E	4304733542	12999	Indian	OW	P		SWNE	14-20-H62-4904
UTE TRIBAL 12-25	25	040S	010E	4304733544	12990	Indian	OW	S		NWSW	14-20-H62-4904
UTE TRIBAL 11-25	25	040S	010E	4304733551	12989	Indian	OW	P		NESW	14-20-H62-4904